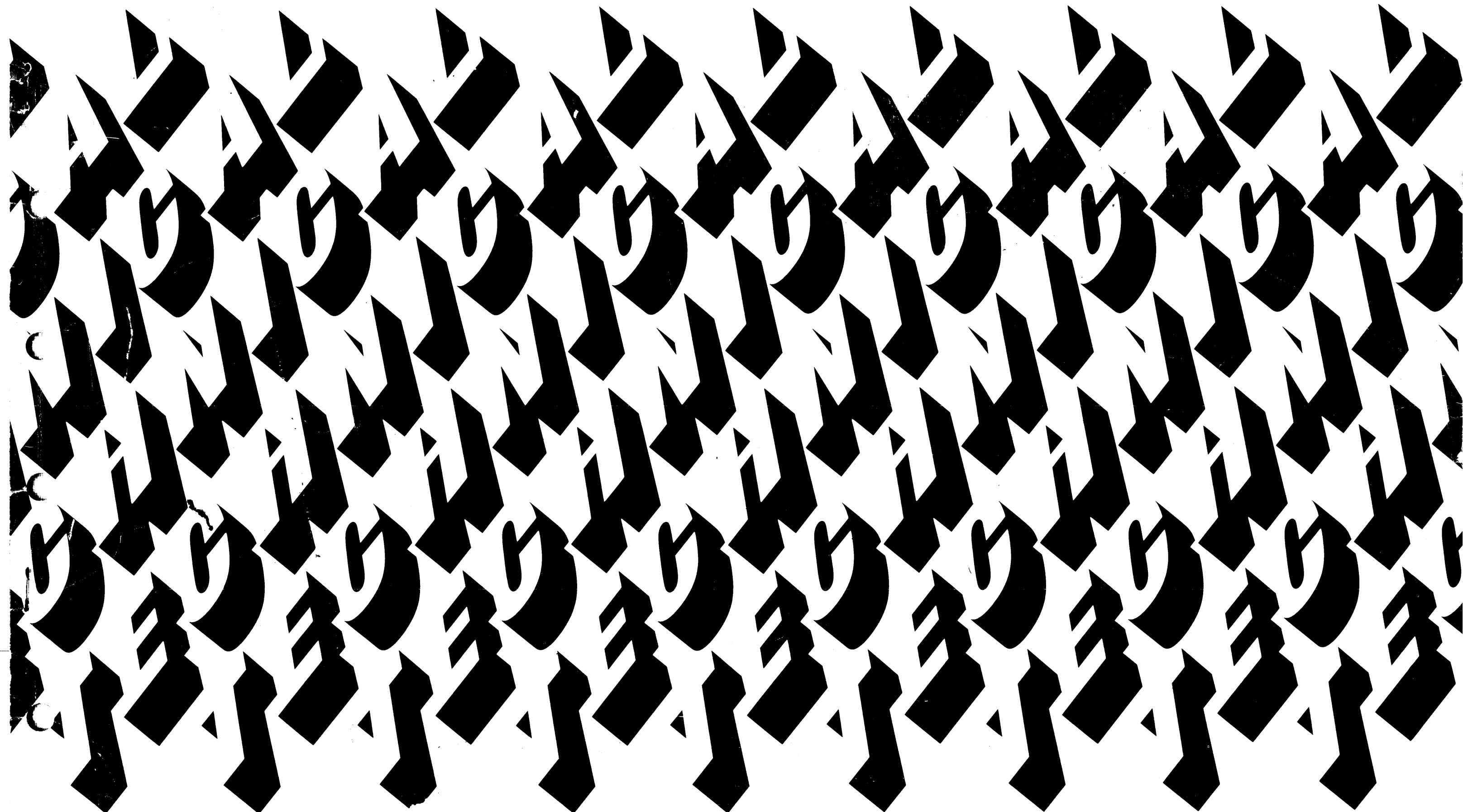


Computervision

CV Digitizer (CVD)—Series 3
Logic Diagrams

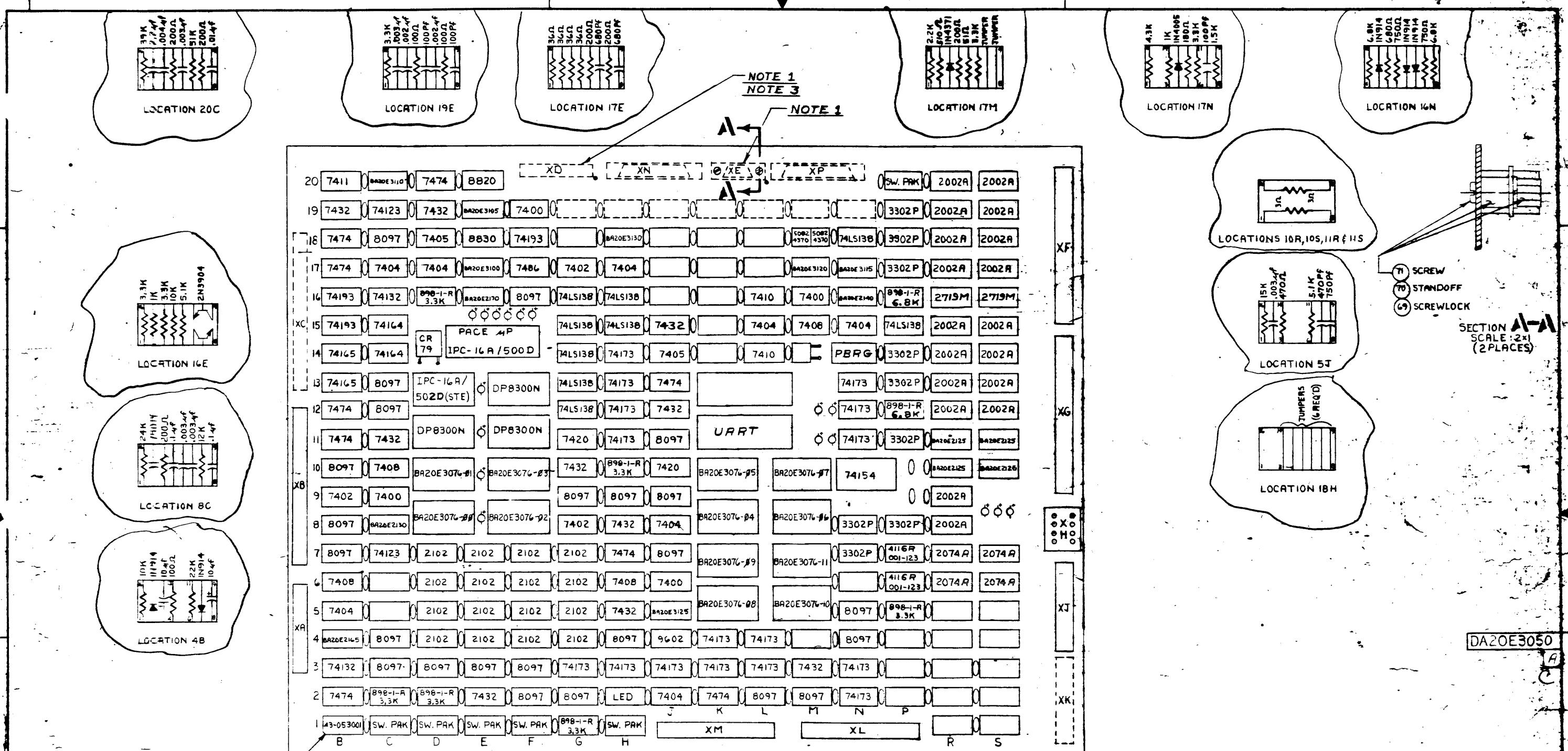


CV Digitizer (CVD)-Series 3

Logic Diagrams

PROPRIETARY NOTICE

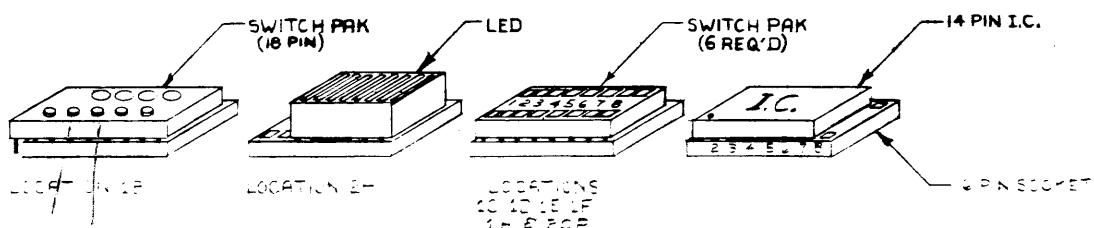
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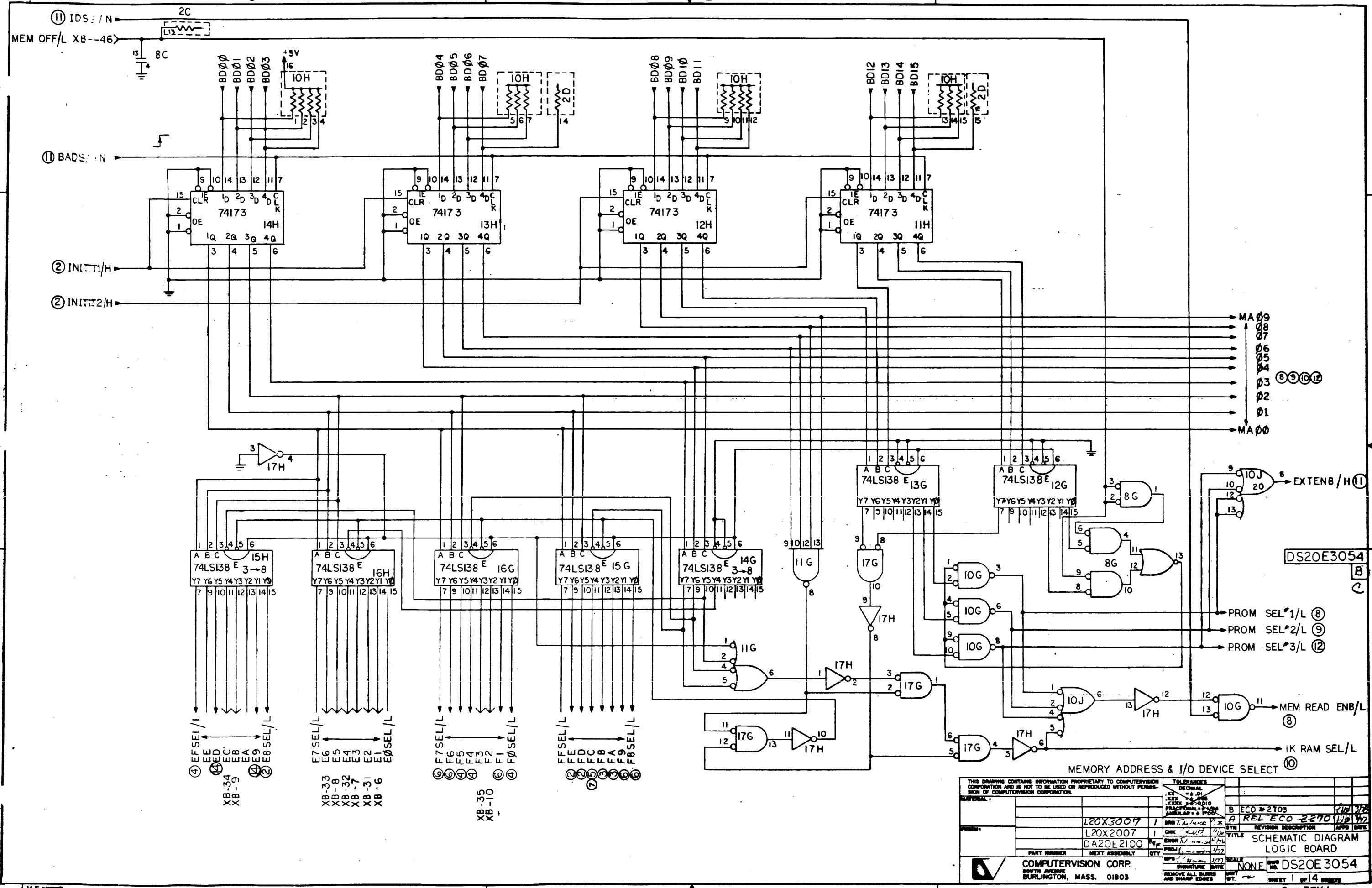
SEE NOTE 2

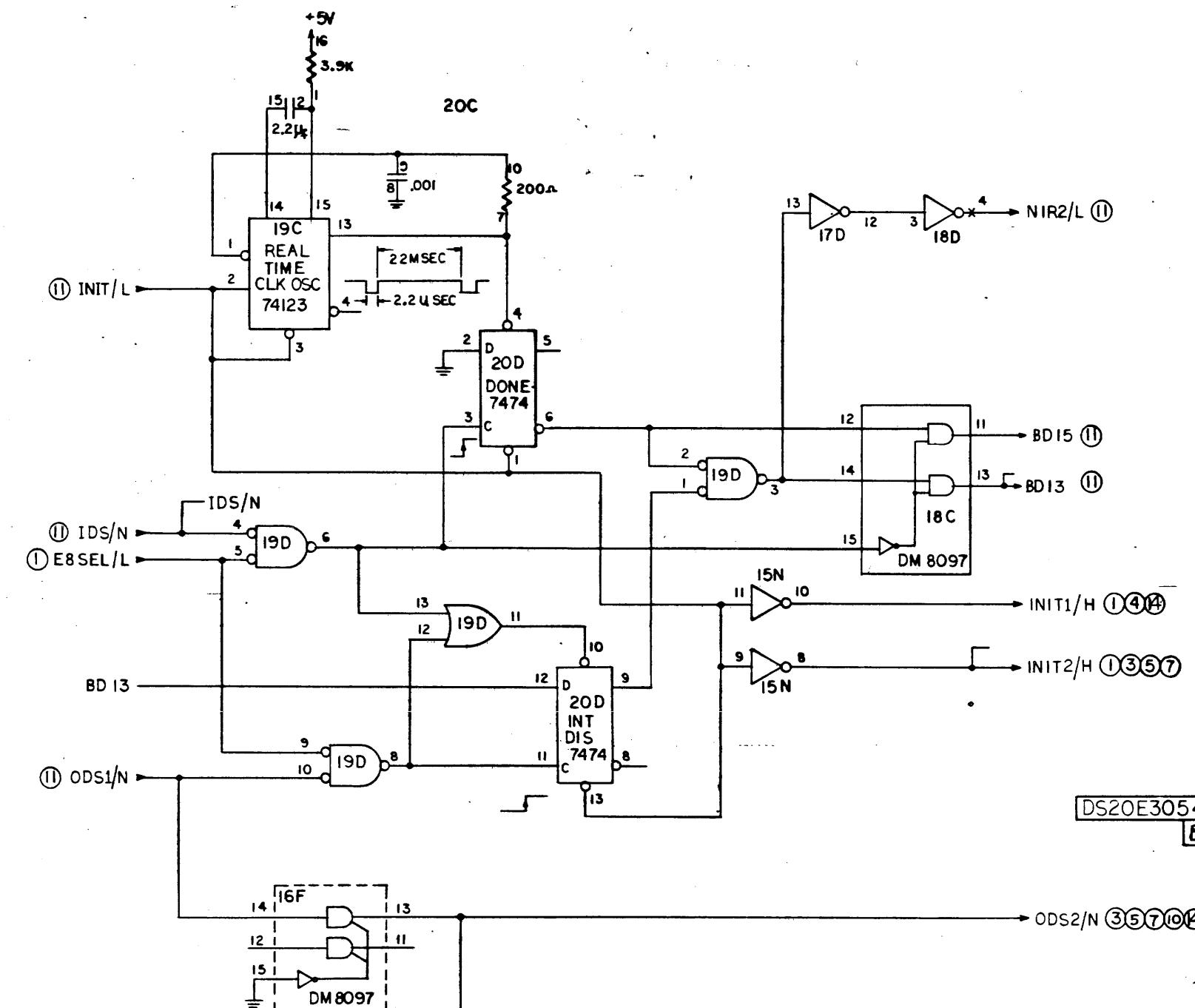
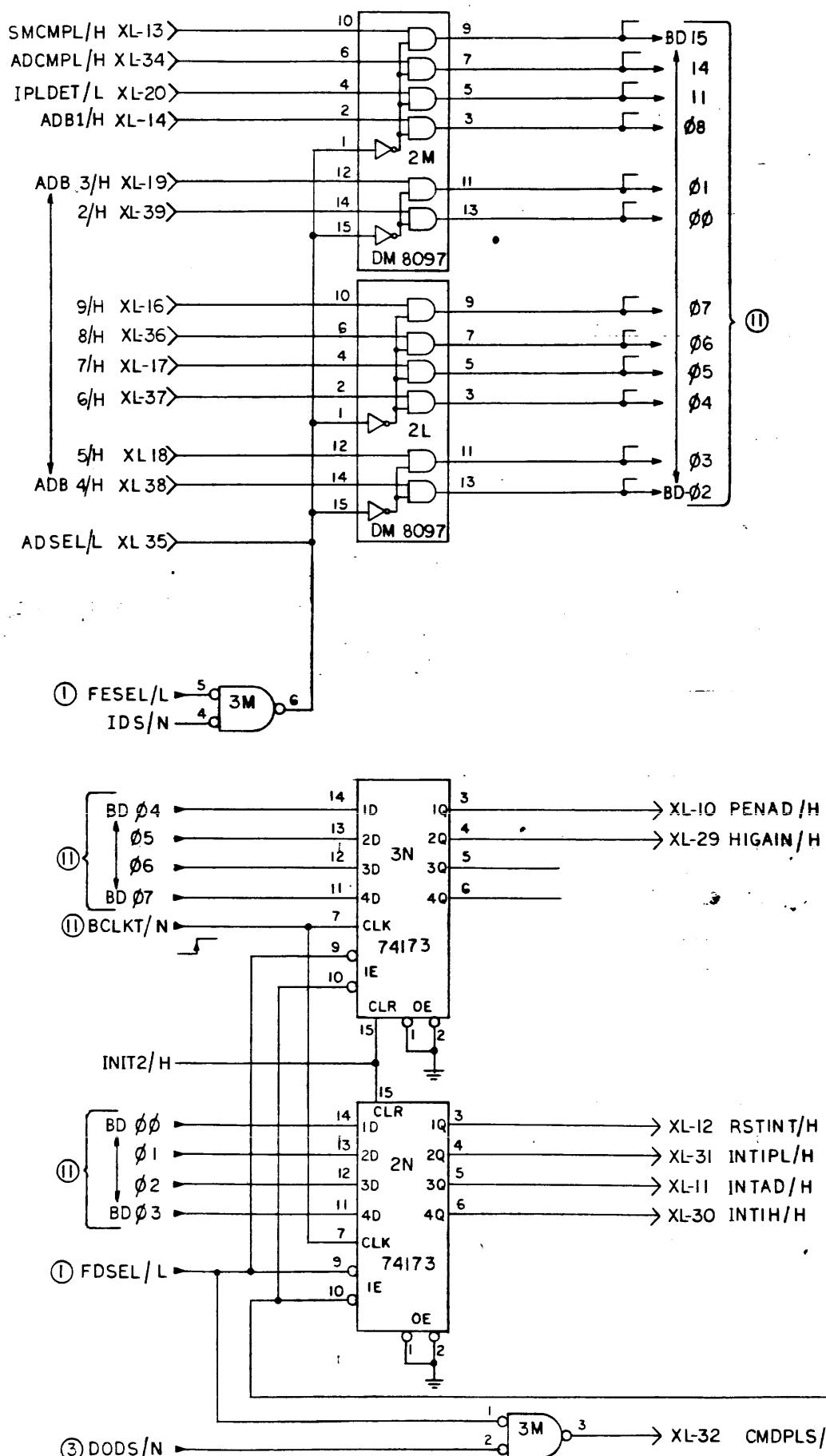
NOTES:

- 1 REMOVE SOLDEF MASK FROM AREAS INDICATED. INSTALL CONNECTORS XD & XE ON FAR SIDE OF BOARD & HANG BOLTER.
- 2 LOCATE S/N 1 IN THE CORNER, TYPICAL FOR EEC SOCKET. REMOVE THE FAM CONNECTOR XD FOR KEYING BEFORE THE SOLDERING IS IN PLACE.



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MATERIAL: 552	
FIRM: COMPUTEVISION CORP.	
PART NUMBER: DA20E3050	
TOLERANCES: DEVIATION: XY: ± .002 XXX: ± .005 XXXX: ± .0010	
PROJECTION: 1/16 INCHES	
ANGULARITY: 1/64 INCHES	
DRAWING BY: CHA DATE: TITLE: LOGIC E AND FINAL ASSEMBLY	
REVISION DESCRIPTION: AMPC DATE:	
REVISION: 1 PROJ: A REV: 1	
CITY: BURLINGTON, MASS. 01803	
SCALE: 1:1	
STANDARD: DATE: SIGNATURE: DATE: REMOVE ALL SURFS AND SHARP EDGES	
REV A REV: 1	



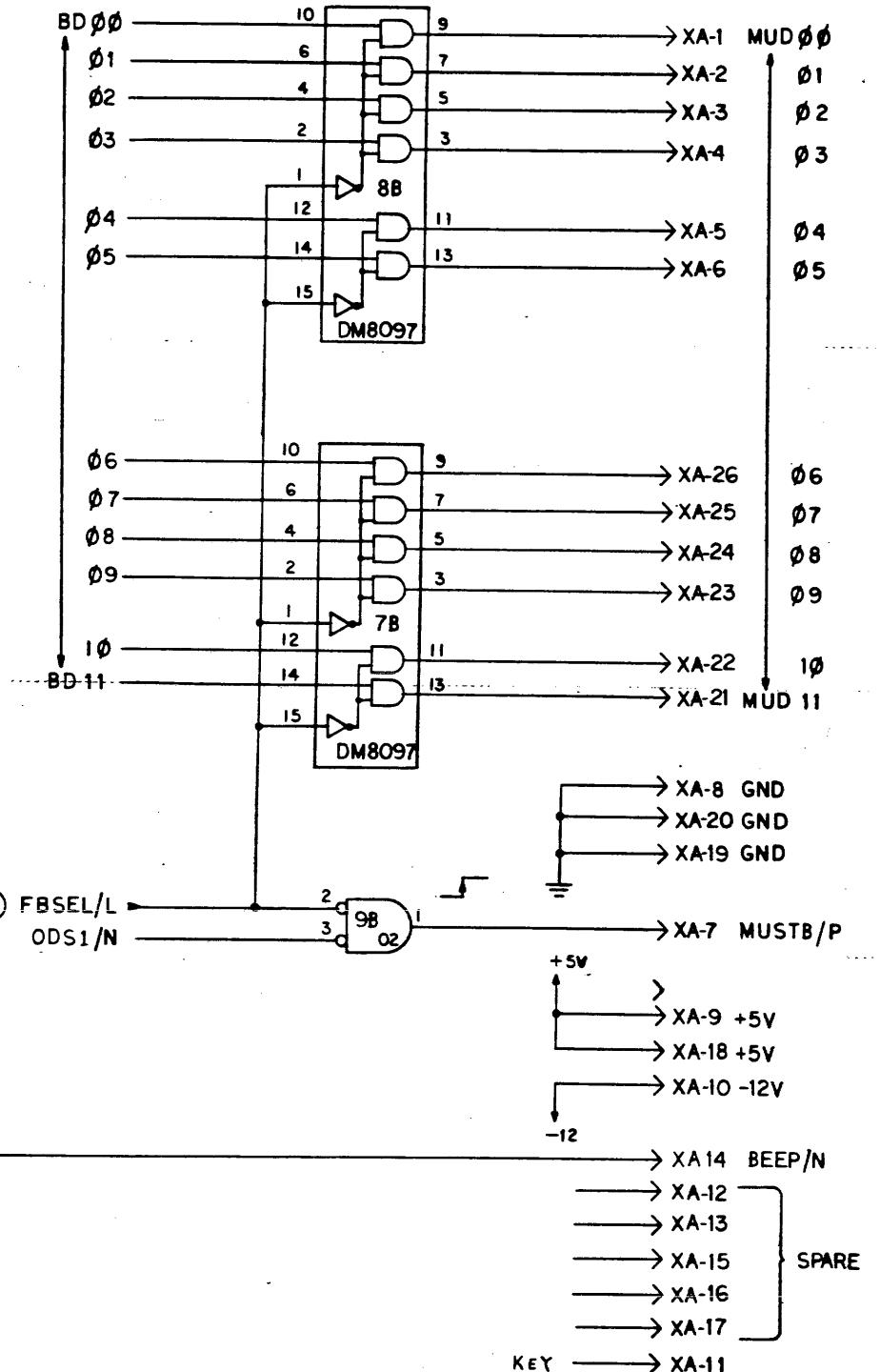
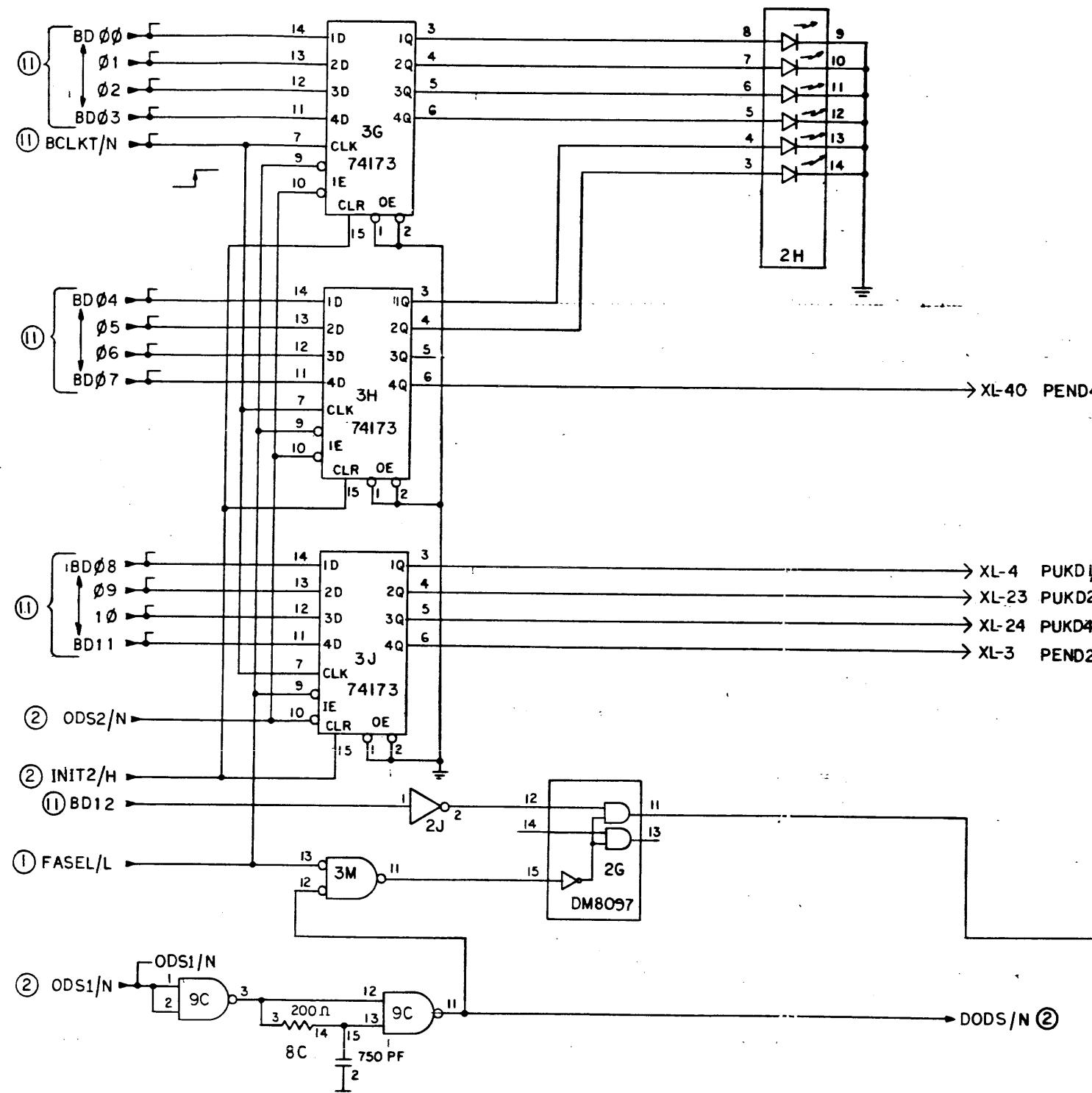


WIRE PULSE & RESPONSE AND REAL TIME CLK

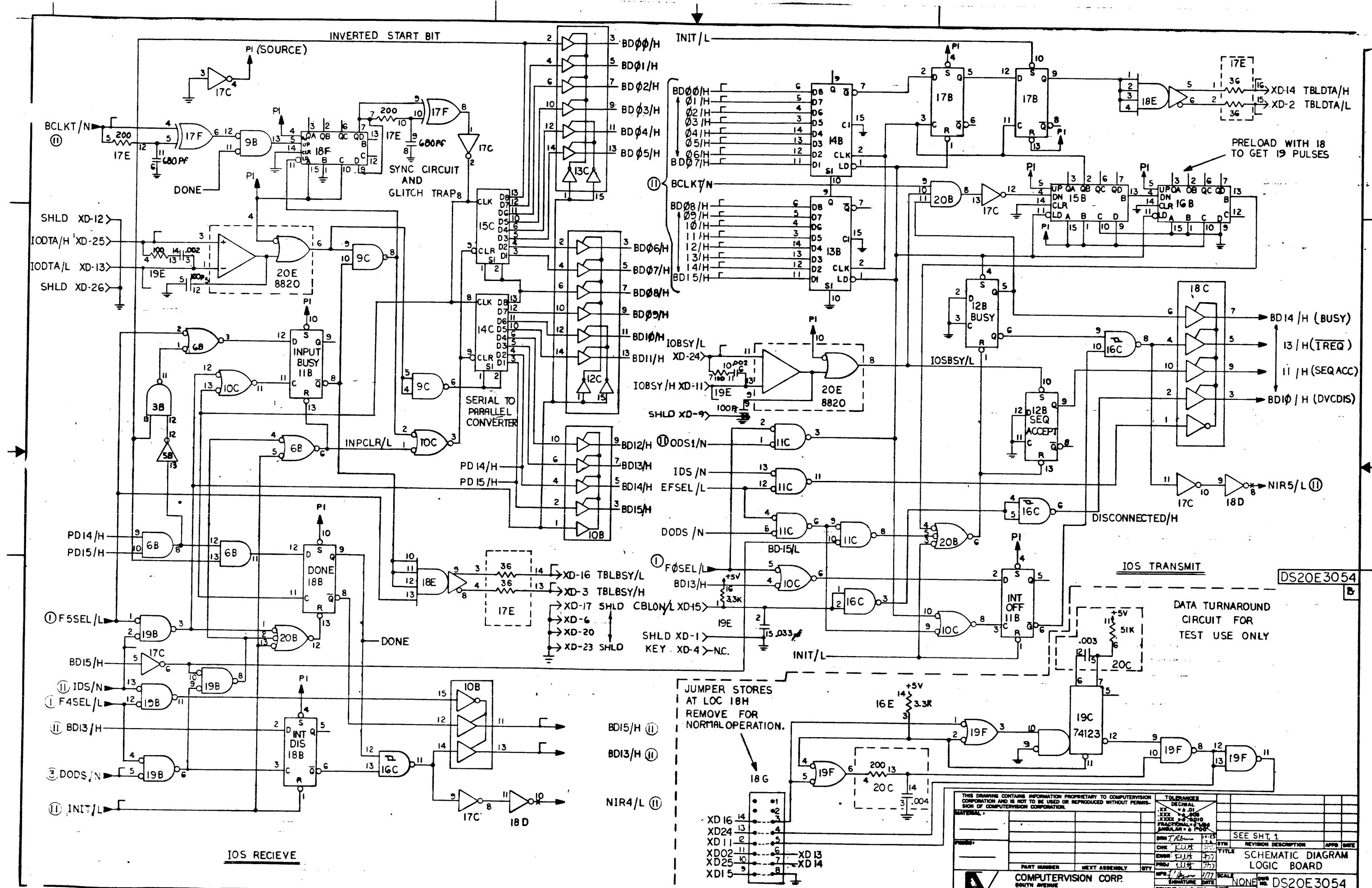
THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO COMPUTERVISION CORPORATION AND IS NOT TO BE USED OR REPRODUCED WITHOUT PERMISSION OF COMPUTERVISION CORPORATION.		TO BRANCHES	
MATERIAL:		DECIMAL	
		XX- XXX- XXXX- PMM- ANGULAR	+.01 +.005 +.010 +.004 +.002
PURCHASE:	SEE SHT. 1	SEE SHT. 1	
	CNC ENGR PROJ MFG	.133 .377 .377 .752	SYN TITLE REVISION DESCRIPTION
PART NUMBER	NEXT ASSEMBLY	GTY	APPR DATE
COMPUTERVISION CORP. SOUTH AVENUE BURLINGTON, MASS. 01803		SCALE SIGNATURE DATE REMOVE ALL BURRS AND SHARP EDGES	None DWG NO. DS20E3054 WGT. SHEET 2 OF 14 SHEETS

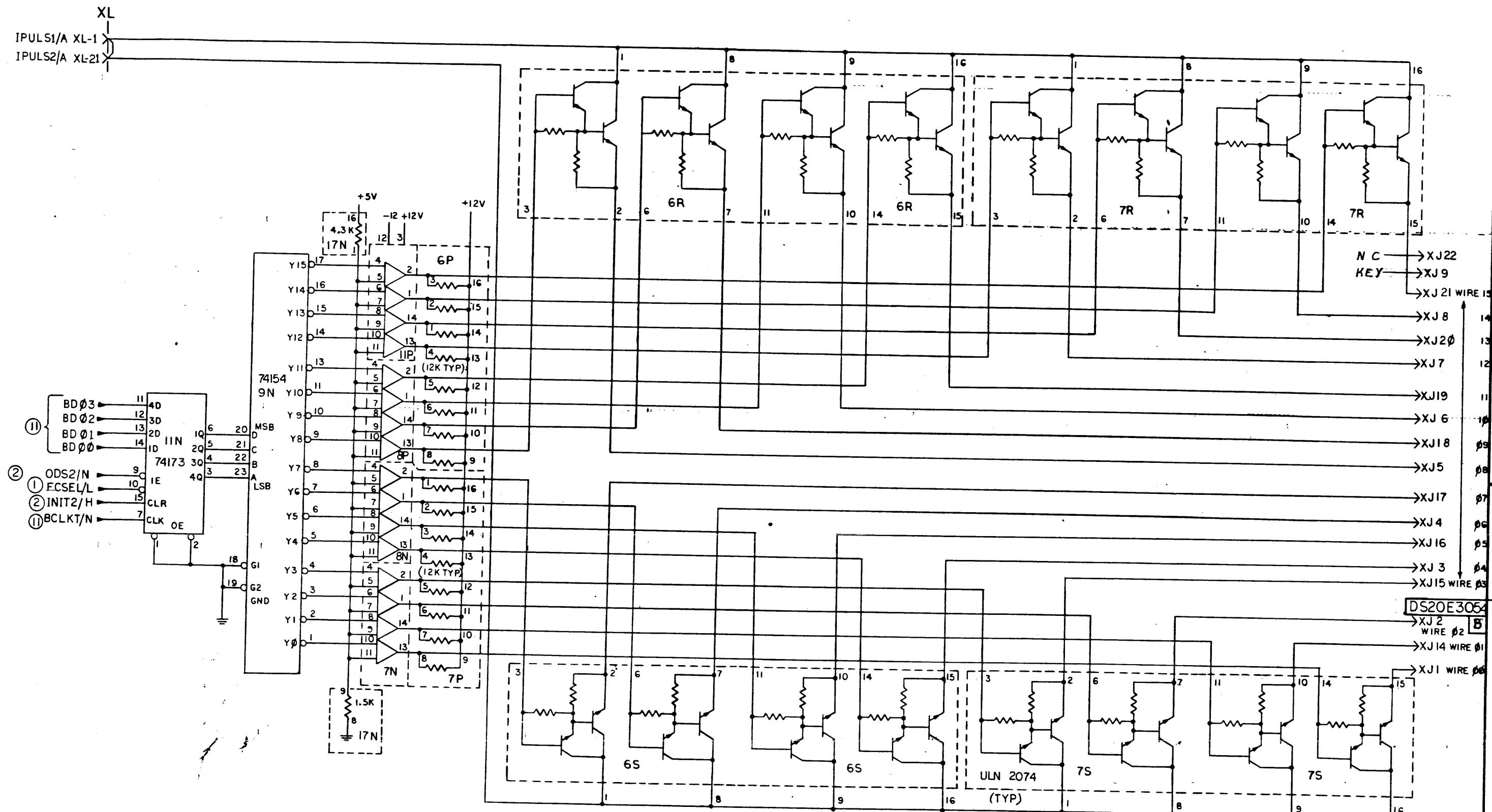
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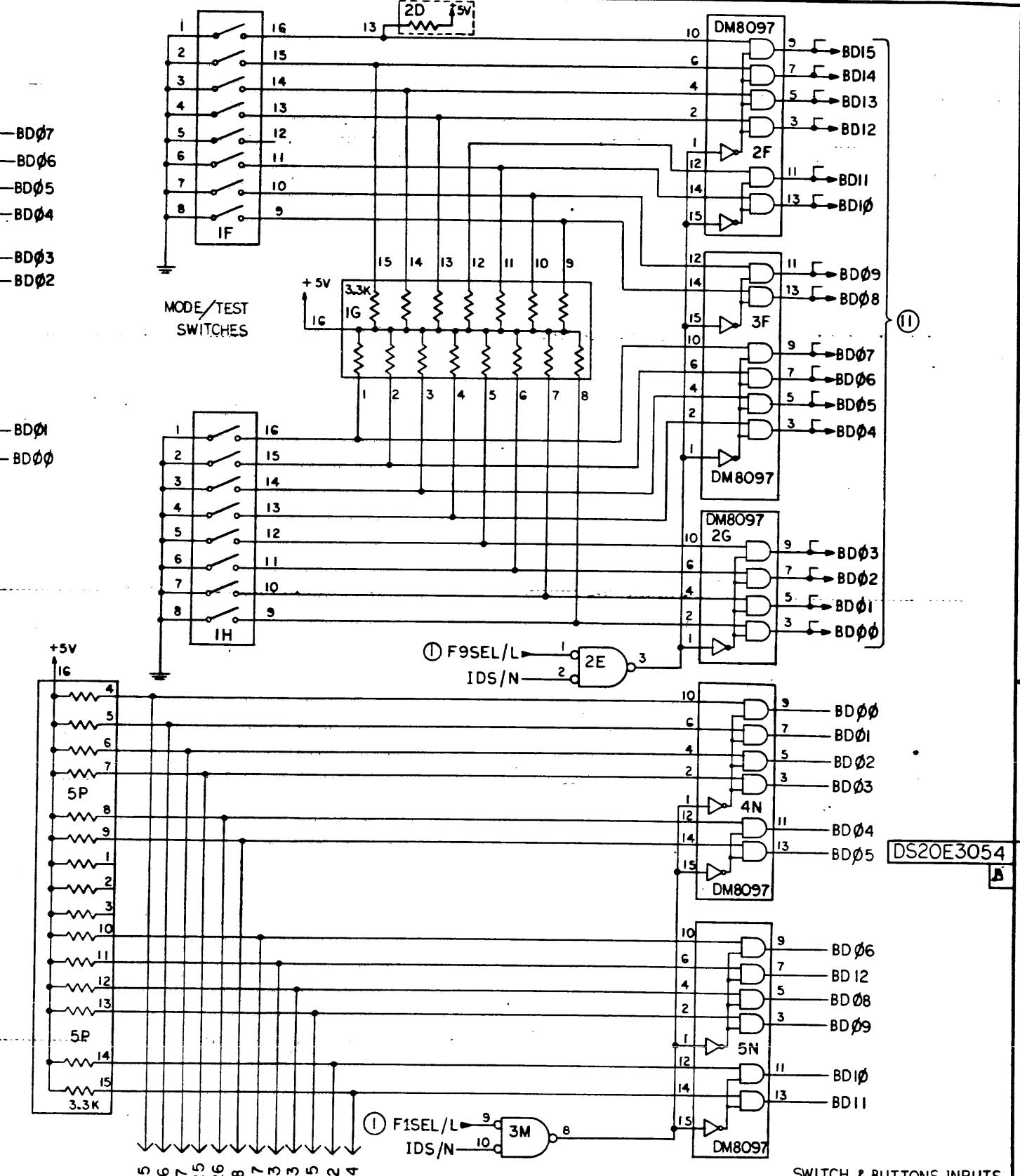
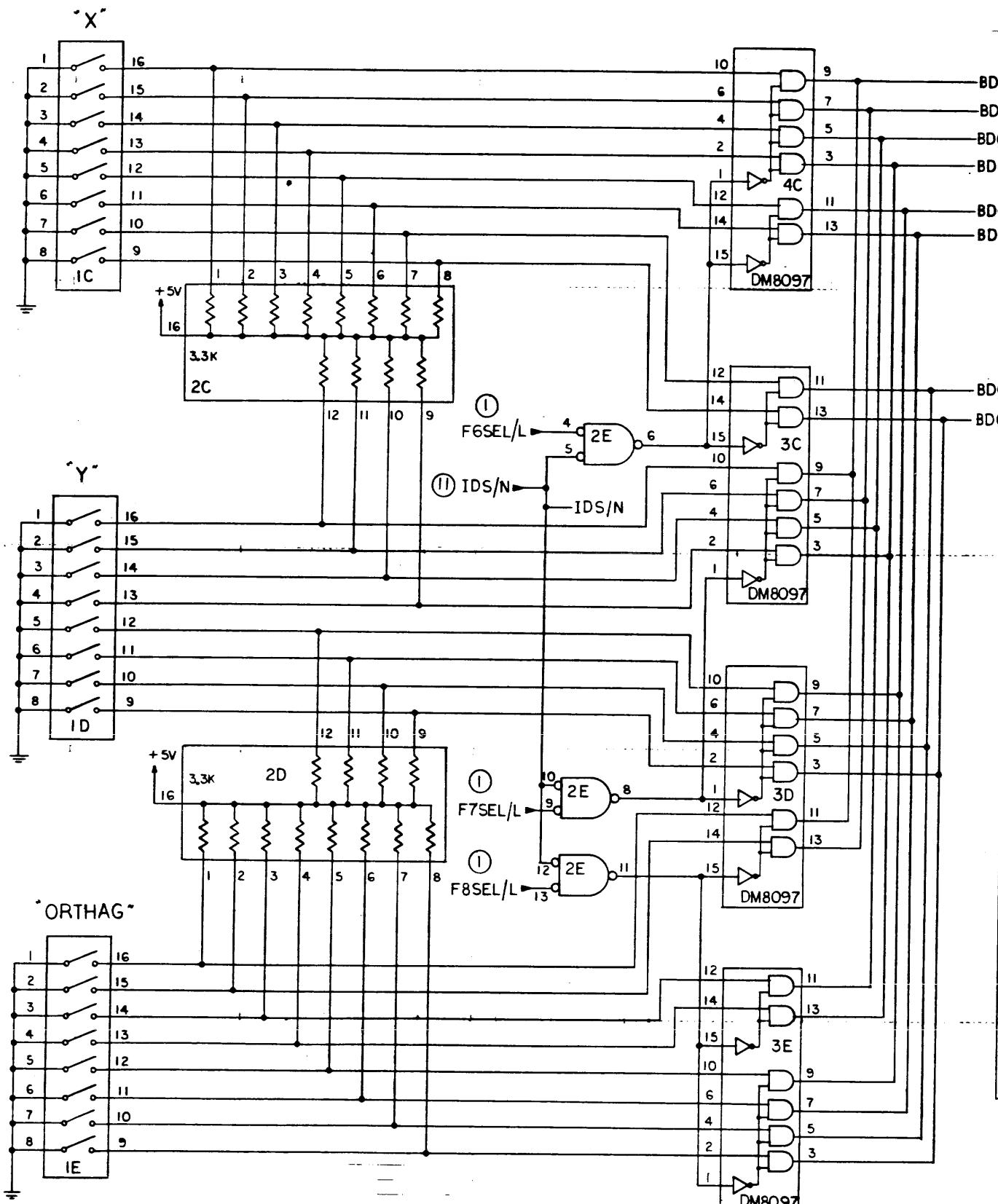
INDICATORS & MESSAGE UNIT INFERENCES





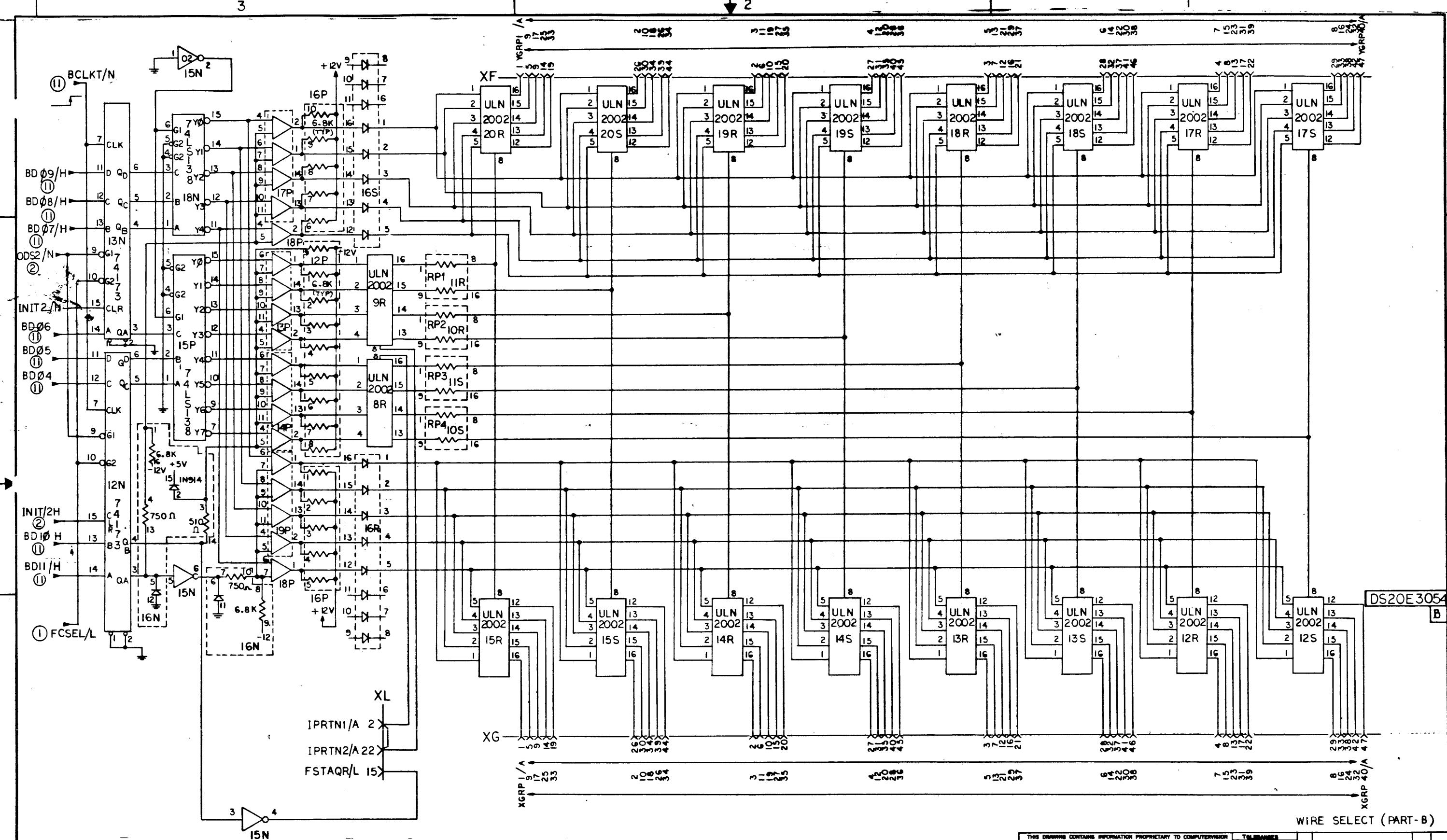
WIRE SELECT (PART-A)

THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO COMPUTERVISION CORPORATION AND IS NOT TO BE USED OR REPRODUCED WITHOUT PERMISSION OF COMPUTERVISION CORPORATION.		TOLERANCES	
		DECIMAL	ANGLE
MATERIAL:		XX	& .01
SIZE:		XX	& .000
UNIT:		FRACTIONAL: & .000	ANGULAR: & .000
DATE:			
BY:			
SEE SHT. 1			
SYM.	REVISION DESCRIPTION	APP'D	DATE
CHG:			
ENR:			
PROJ:			
PART NUMBER:	NEXT ASSEMBLY	QTY	TITLE
COMPUTERVISION CORP.	SOUTH AVENUE		SCHEMATIC DIAGRAM
BURLINGTON, MASS. 01803	BURLINGTON, MASS. 01803		LOGIC BOARD
REMOVED ALL BURRS AND SHARP EDGES	PRINTED	NONE	DS20E3054
PRINTED	PRINTED	PRINTED	PRINTED
REMOVED ALL BURRS AND SHARP EDGES	PRINTED	NONE	DS20E3054
PRINTED	PRINTED	PRINTED	PRINTED



THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO COMPUTEVISION CORPORATION AND IS NOT TO BE USED OR REPRODUCED WITHOUT PERMISSION OF COMPUTEVISION CORPORATION.
MATERIAL: PUKS1/L PUKS2/L PUKS3/L PUKS4/L PUKS5/L PENS1/L PENS2/L PENS3/L TABS1/L TABS2/L TABS3/L TABS4/L
ITEM: XL-5 XL-6 XL-7 XL-25 XL-26 XL-8 XL-27 XL-33 XJ-13 XJ-25 XJ-12 XJ-24

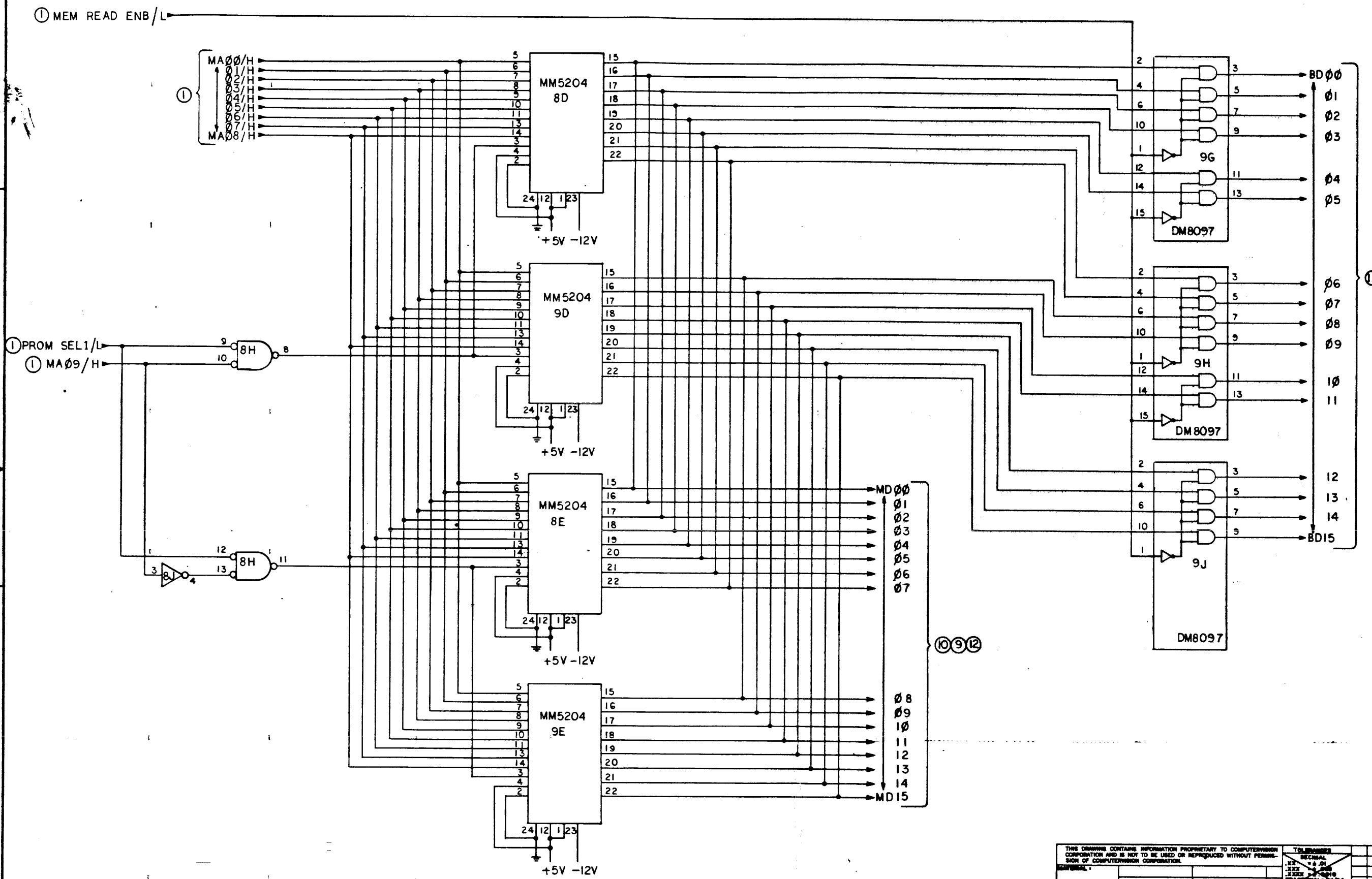
TOLERANCES		SEE SHT. 1	
DECIMAL	.001	XX	SEE SHT. 1
XXX	.0005	XXX	REV. DATE
FRACTIONAL	1/1000	1/1000	APP'DATE
ANGULAR	1/1000	1/1000	1/1000
DRW. TABS	1/16	1/16	SEE SHT. 1
CNC Y. UNIT	1/16	1/16	TITLE
ENGR. C. UNIT	1/16	1/16	SCHEMATIC DIAGRAM
PROJ. C. UNIT	1/16	1/16	LOGIC BOARD
MPS 7/64	1/16	1/16	DS20E3054
SIGNATURE DATE	1/16	1/16	SCALE
REMOVE ALL BURRS AND SHARP EDGES	1/16	1/16	NONE
WT.	1/16	1/16	OVERALL WT.
WRT	1/16	1/16	6 of 14 SHEETS



WIRE SELECT (PART-B)

THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO COMPUTERVISION CORPORATION AND IS NOT TO BE USED OR REPRODUCED WITHOUT PERMISSION OF COMPUTERVISION CORPORATION.

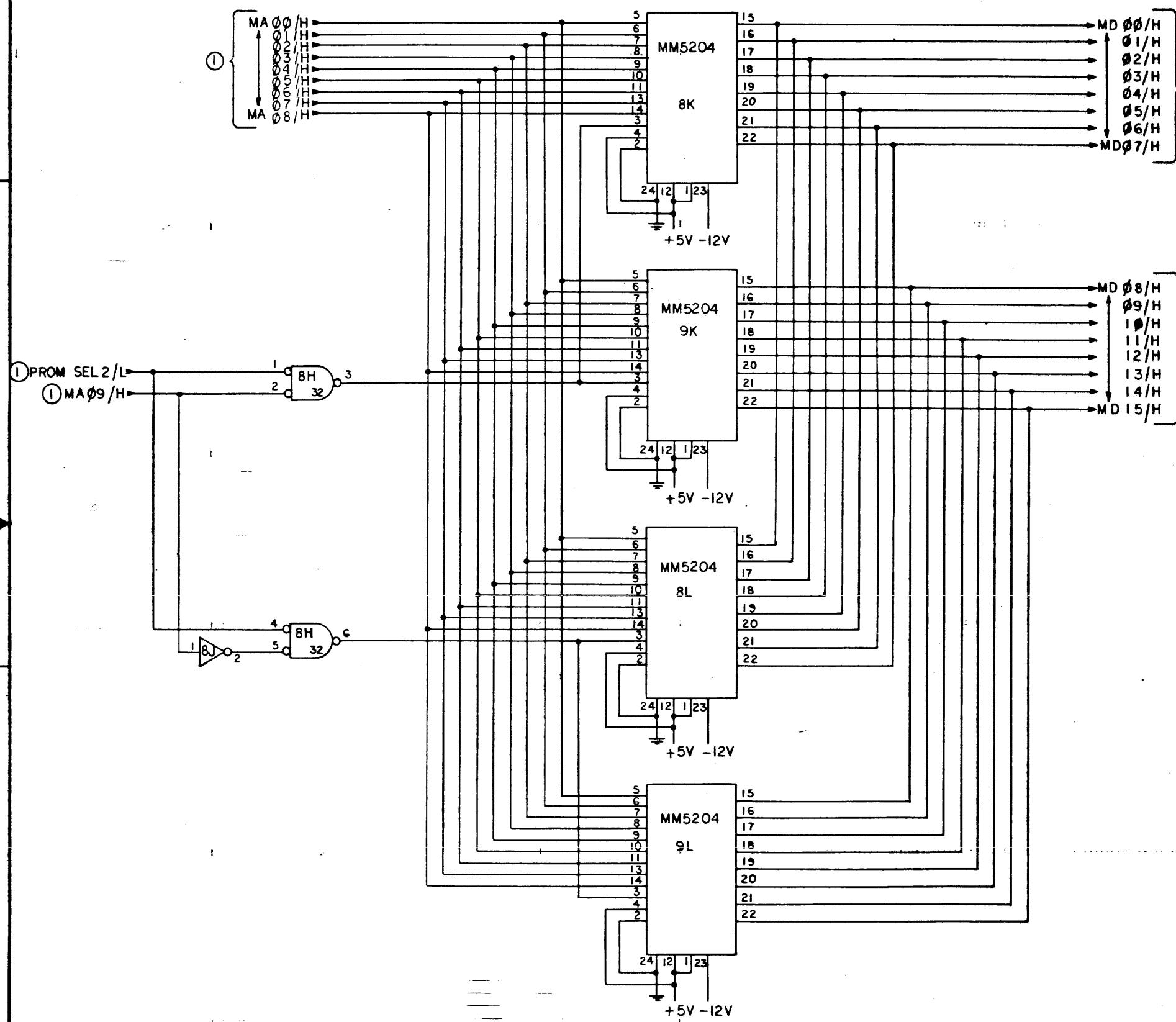
TOLERANCES		REVISIONS		APP'DATE	
ITEM	UNITS	MIN	MAX	SYN	REV. DESCRIPTION
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DS20E3054

IK X 16 PROM

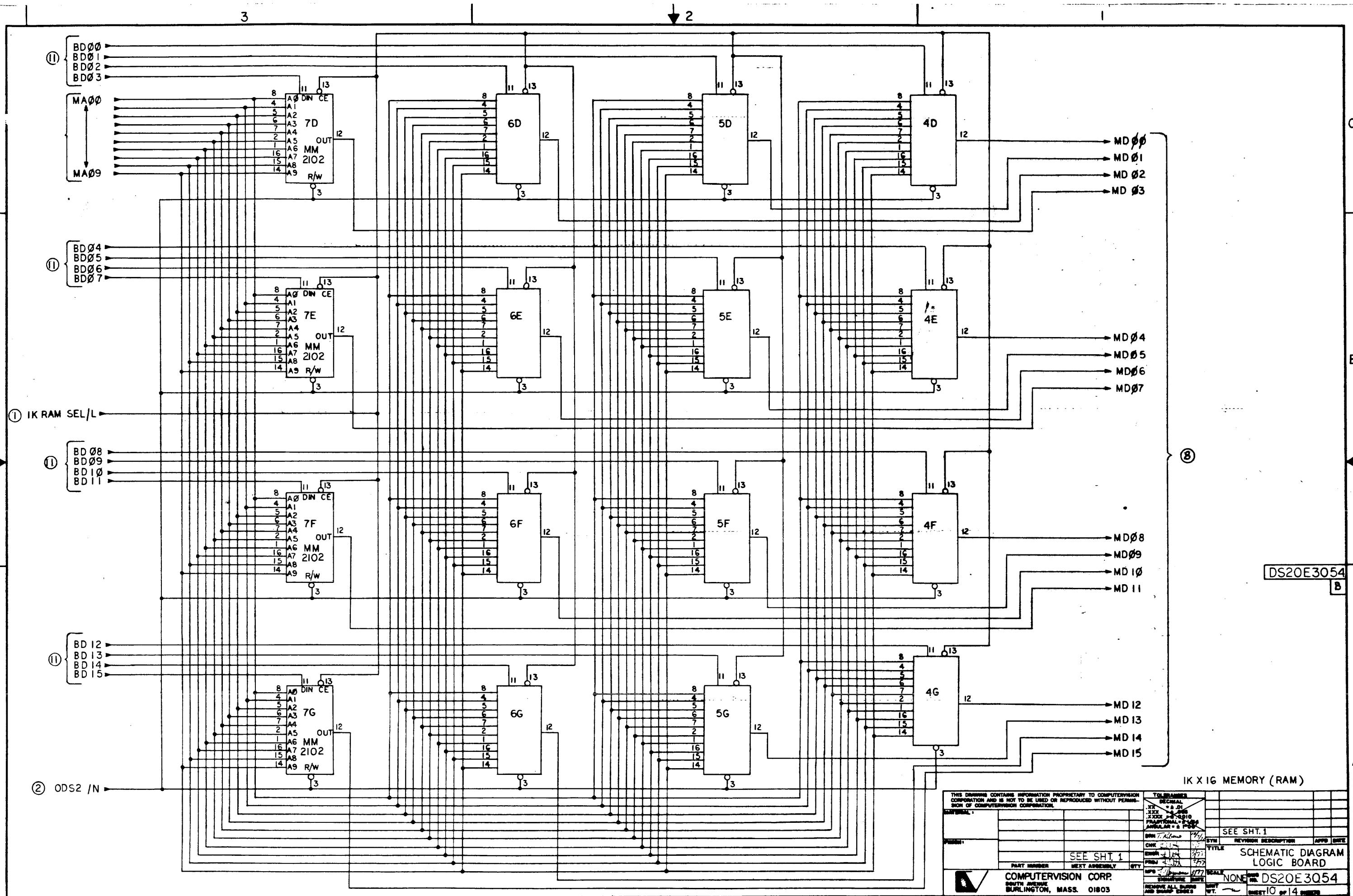
THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO COMPUTERVISION CORPORATION AND IS NOT TO BE USED OR REPRODUCED WITHOUT PERMISSION OF COMPUTERVISION CORPORATION.		TOLERANCES DECRIMENTAL			
MATERIAL:					
METHOD:					SEE SHT. 1
PART NUMBER:	SEE SHT. 1	NEXT ASSEMBLY	STY	TITLE	SCHEMATIC DIAGRAM
	COMPUTERVISION CORP. SOUTH AVE/NE BURLINGTON, MASS. 01803			SCALE	DS20E3054
				REMOVED ALL BURRS AND SHARP EDGES	SHEET 8 of 14

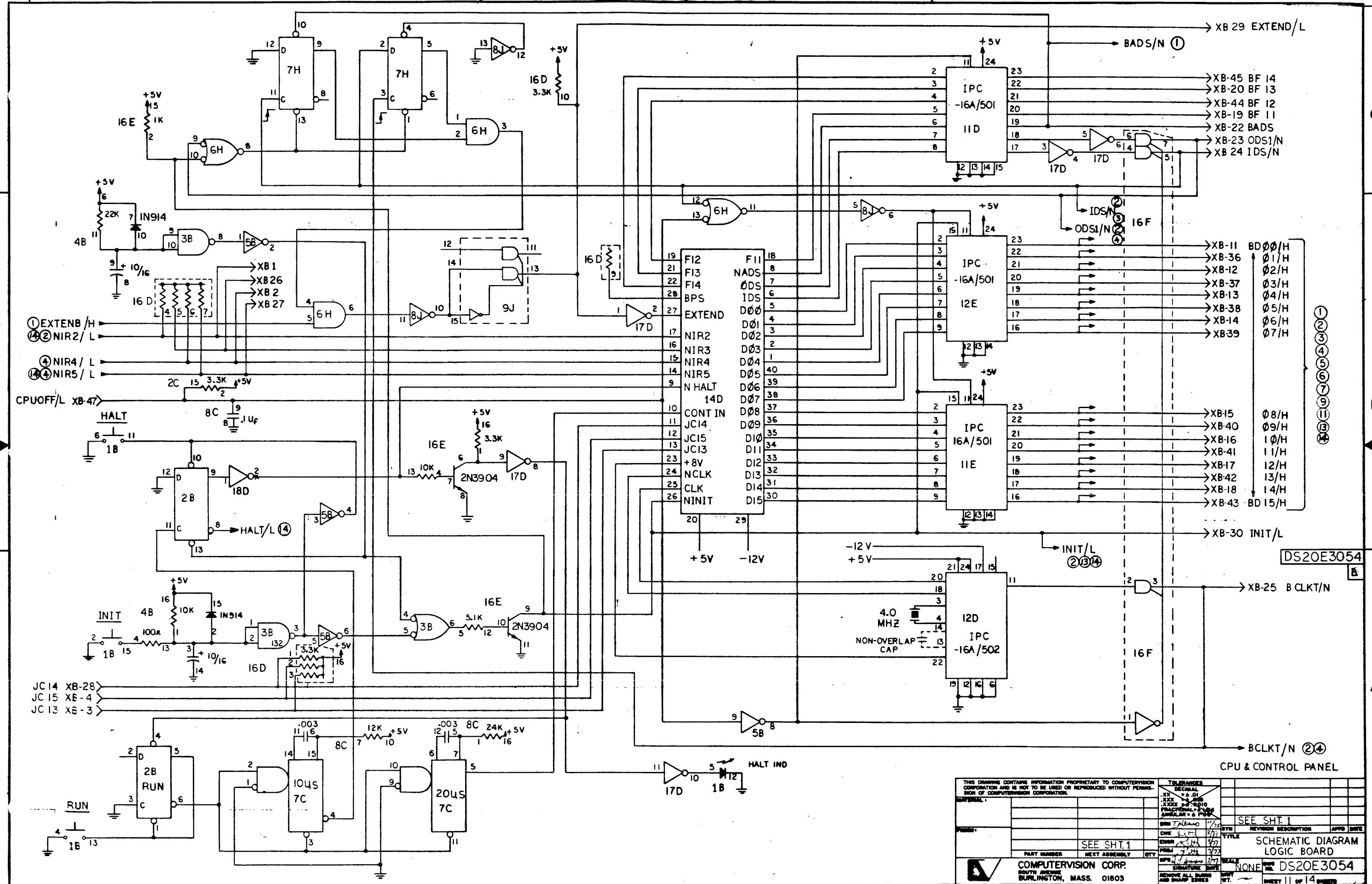


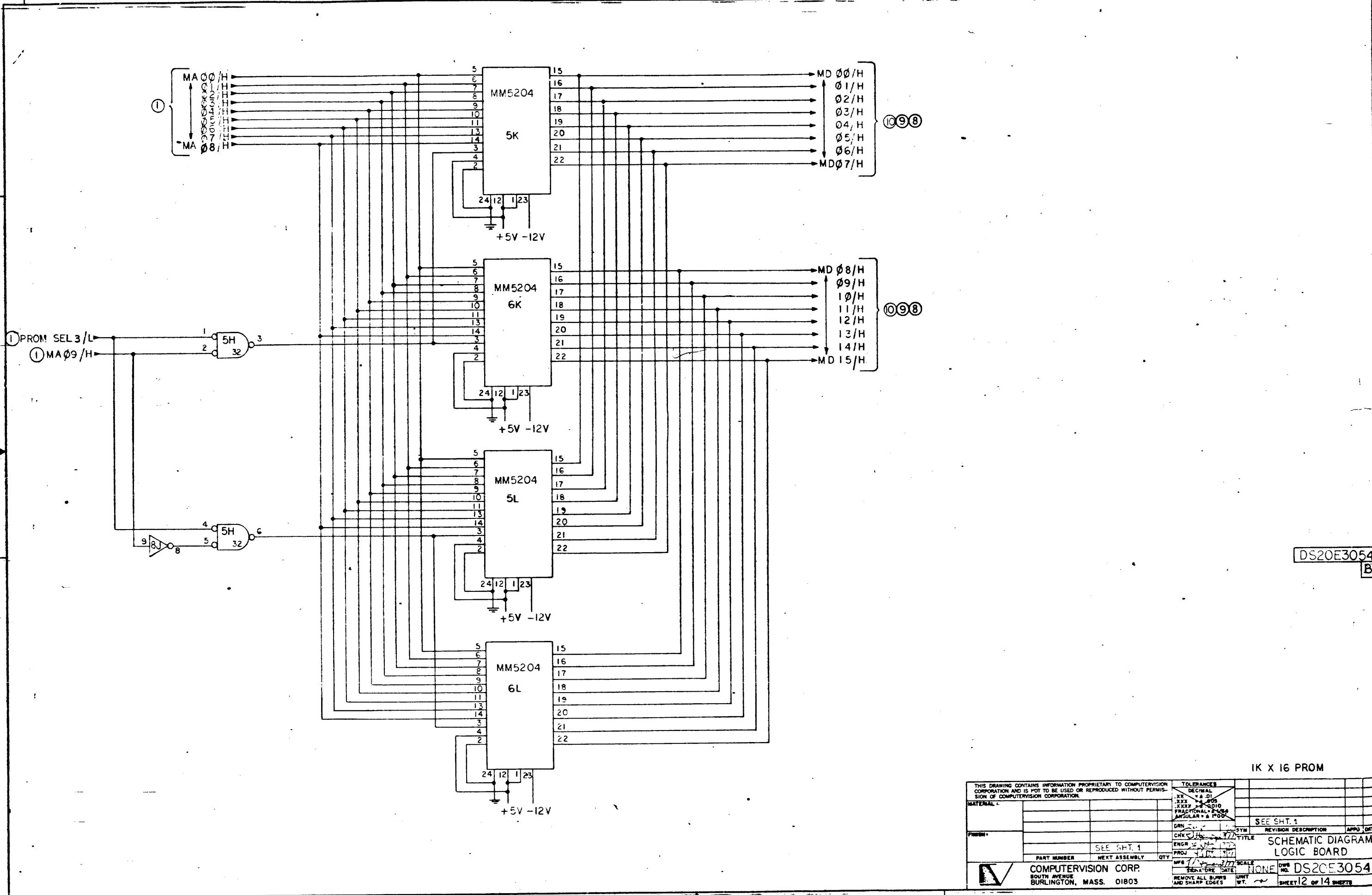
DS20E3054

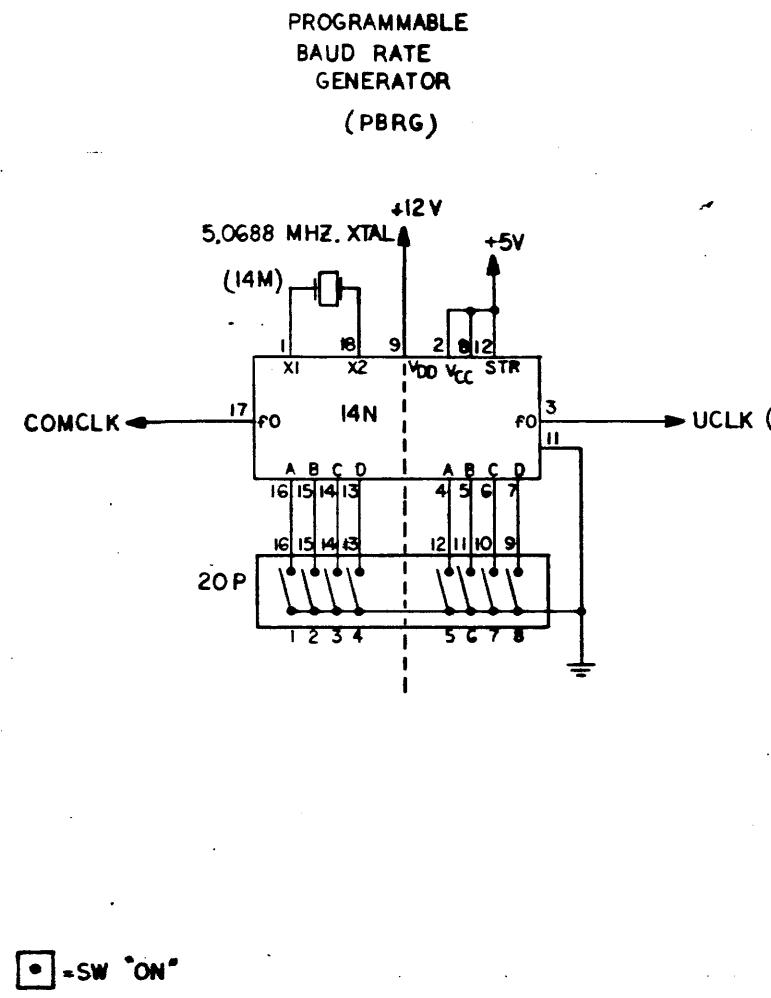
IK X 16 PROM

THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO COMPUTERVISION CORPORATION AND IS NOT TO BE USED OR REPRODUCED WITHOUT PERMISSION OF COMPUTERVISION CORPORATION.	
MATERIAL:	
PART NUMBER:	
SEE SHT. 1	
PROJECT:	
INPUT:	
SUBSTITUTE:	
COMPUTERVISION CORP. SOUTH AVENUE BURLINGTON, MASS. 01803	
TOLERANCES	
SEE SHT. 1	
SYN. REV. DESCRIPTION APP. DATE	
TITLE: SCHEMATIC DIAGRAM LOGIC BOARD	
SCALE: NONE	
REMOVED ALL BLUNTS AND SHARP EDGES	
SHEET 9 OF 14	

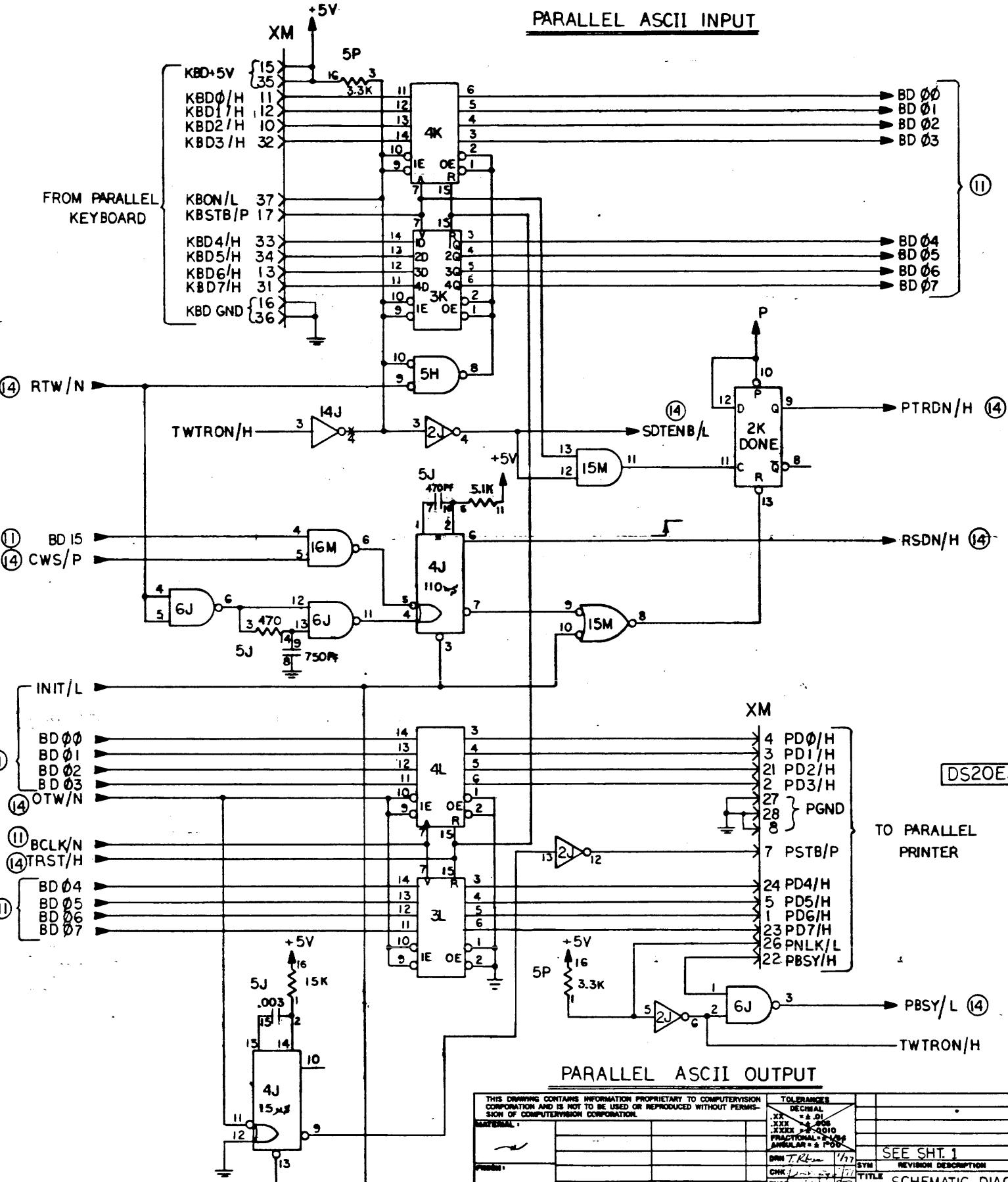






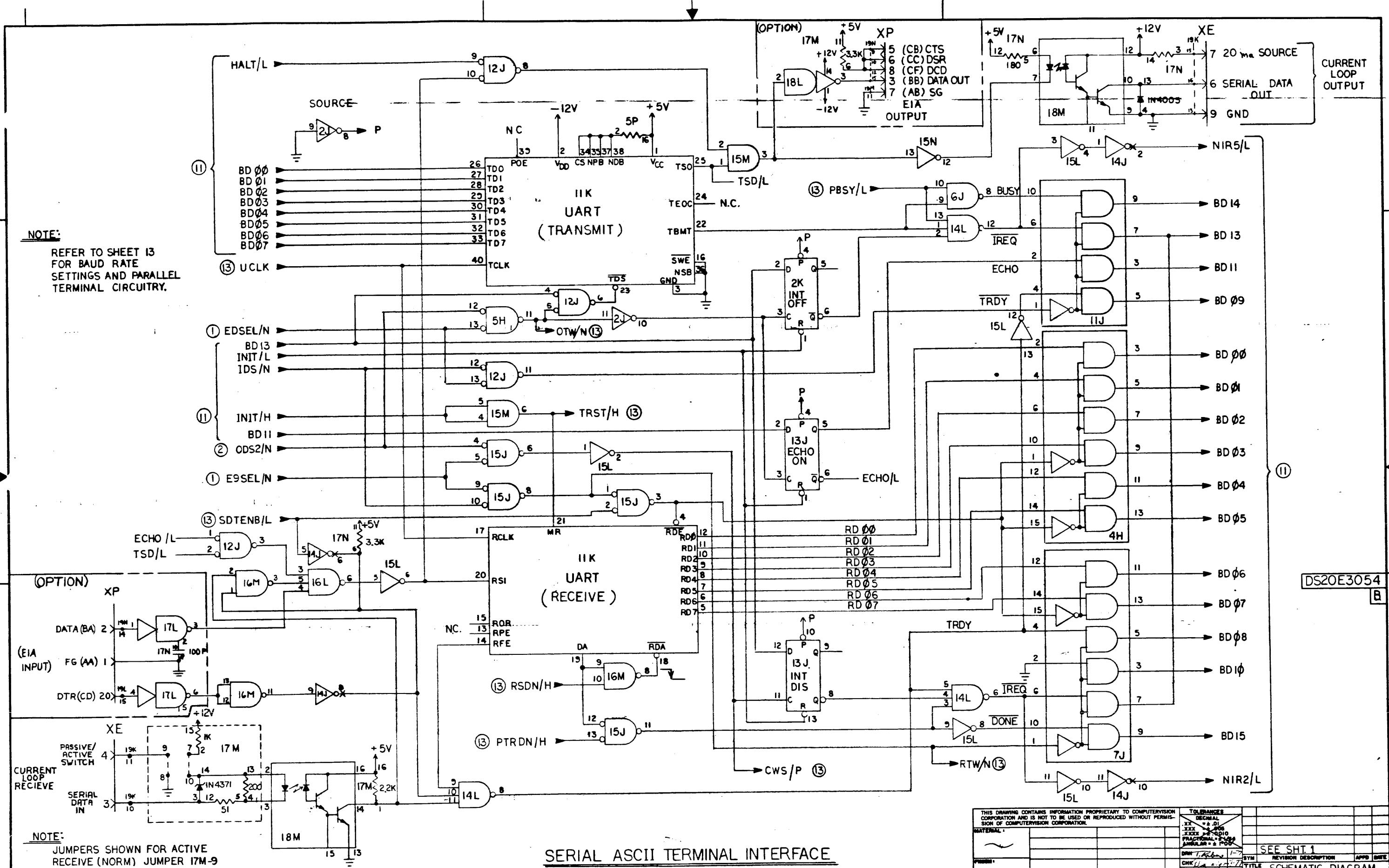


A	B	C	D	BAUD RATE	16 X	CLOCK FREQ. KHZ
•	•	•	•	50		0.8
	•	•	•	75		1.2
•		•	•	110		1.76
		•	•	134.5		2.1523
•	•		•	150		2.4
	•		•	300		4.8
•			•	600		9.6
			•	1200		19.2
•	•	•		1800		28.8
	•	•		2000		32.081
•		•		2400		38.4
		•		3600		57.6
•	•			4800		76.8
		•		7200		115.2
•				9600		153.6
				19,200		316.8



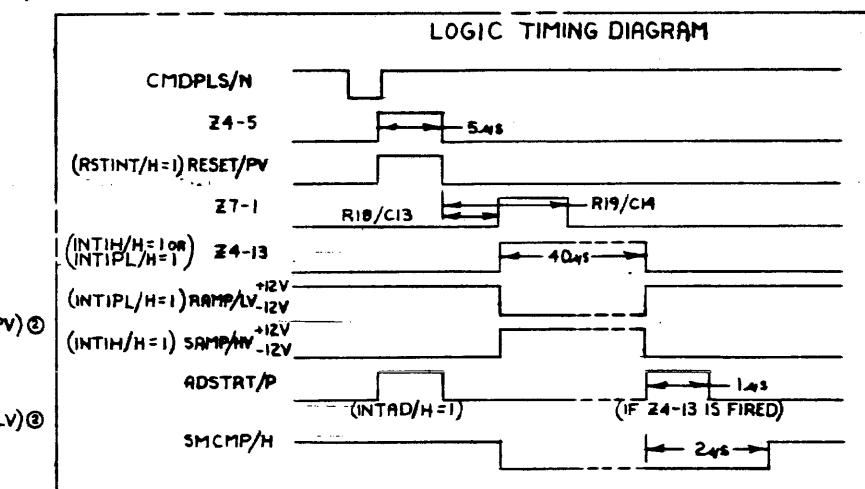
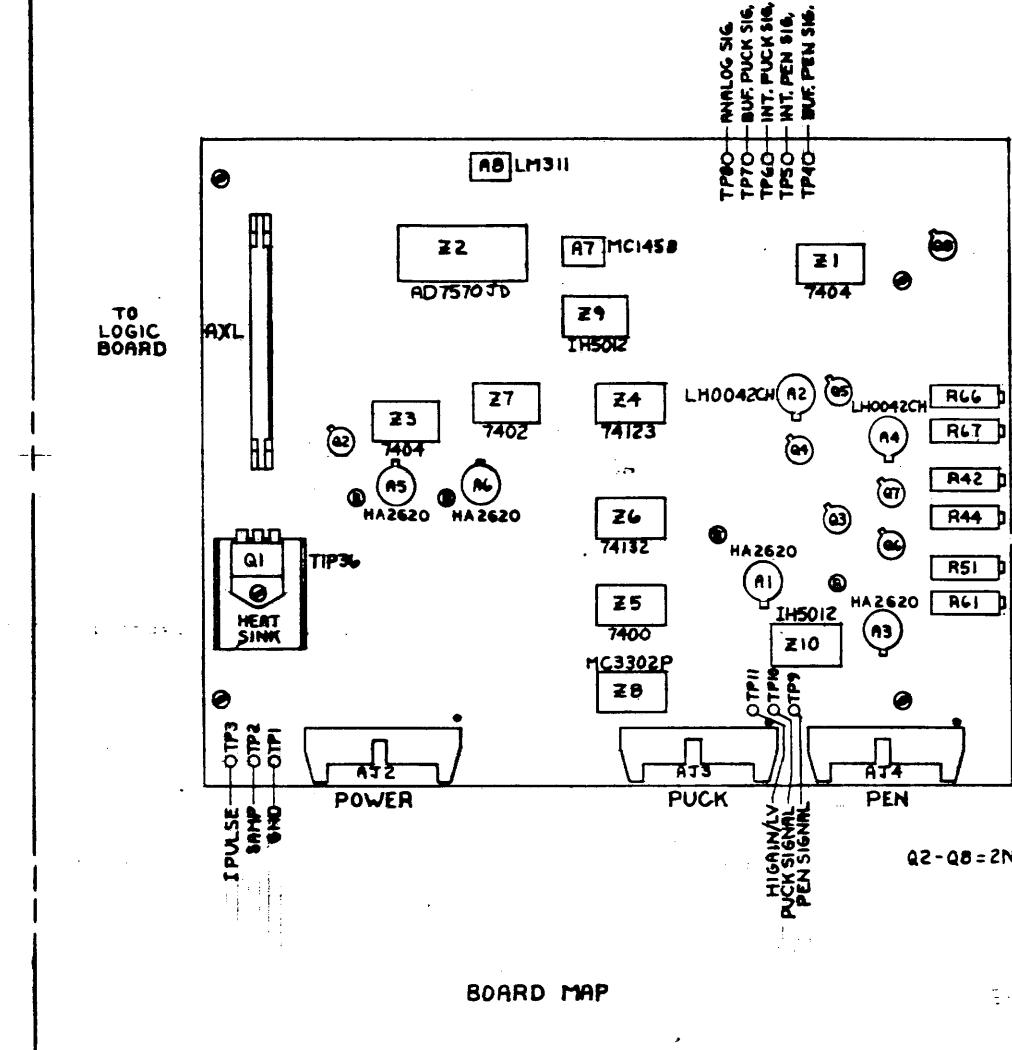
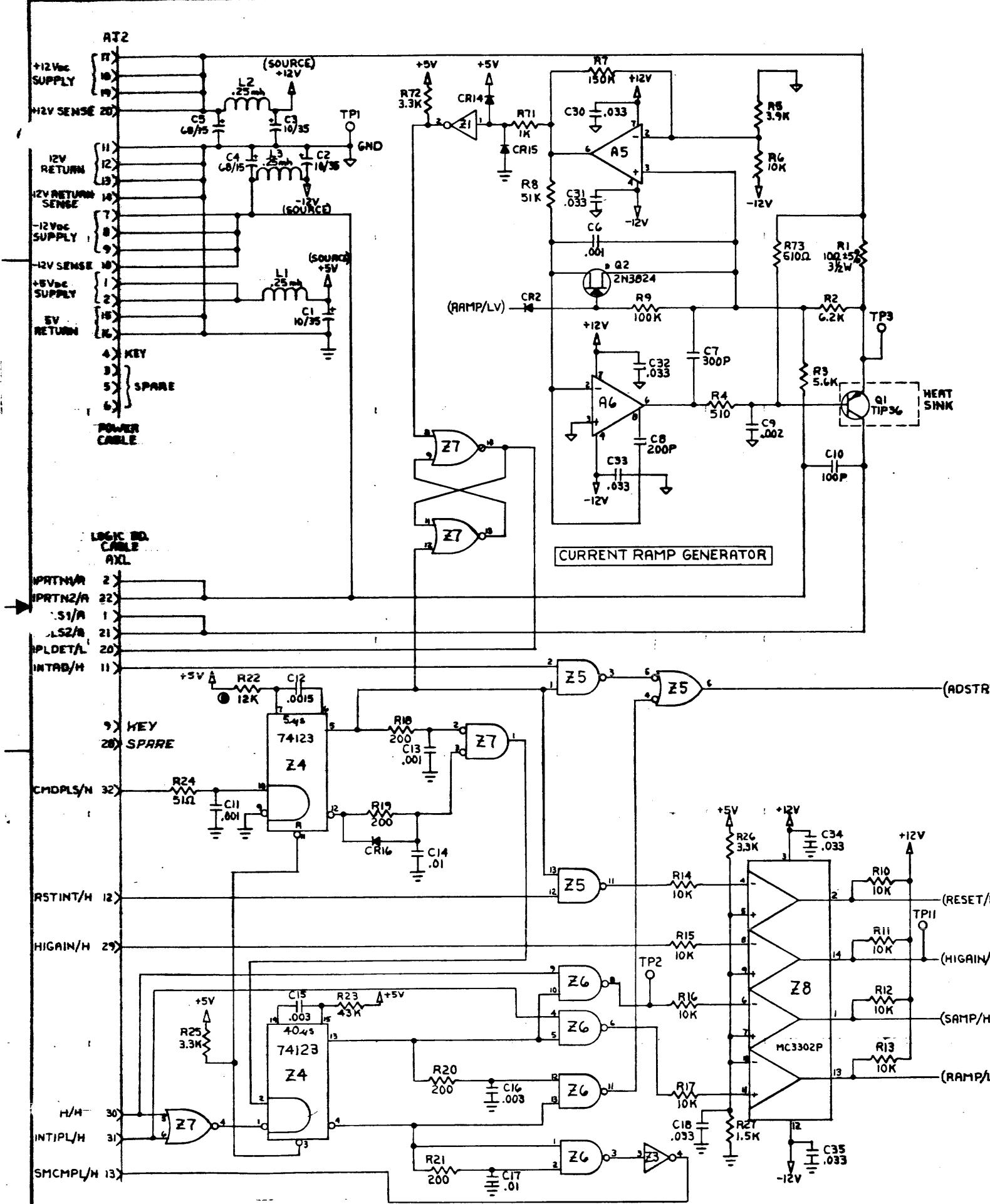
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		DECIMAL	
		XX	= .01
		XXX	= .001
		XXXX	= .0001
		FRACTIONAL = 1/8	
		ANGULAR = 1° 00'	
MATERIAL:	BRN T. R&L		1/17
	CHK		1/17
FINISH:	ENGR		1/17
	PROJ		1/17
PART NUMBER	NEXT ASSEMBLY	QTY	
COMPUTERTVISION CORP. SOUTH AVENUE BURLINGTON, MASS. 01803		MFG	1/17
		SIGNATURE	1/17
		REMOVE ALL BURRS AND SHARP EDGES	
		PRINT	WT.
		SEE SHT. 1	
		SYN REVISION DESCRIPTION APPR DATE	
		TITLE SCHEMATIC DIAGRAM LOGIC BOARD	
		SCALE NONE DRAFT NO. DS20E3054	
		SHEET 13 OF 14 SHEETS	

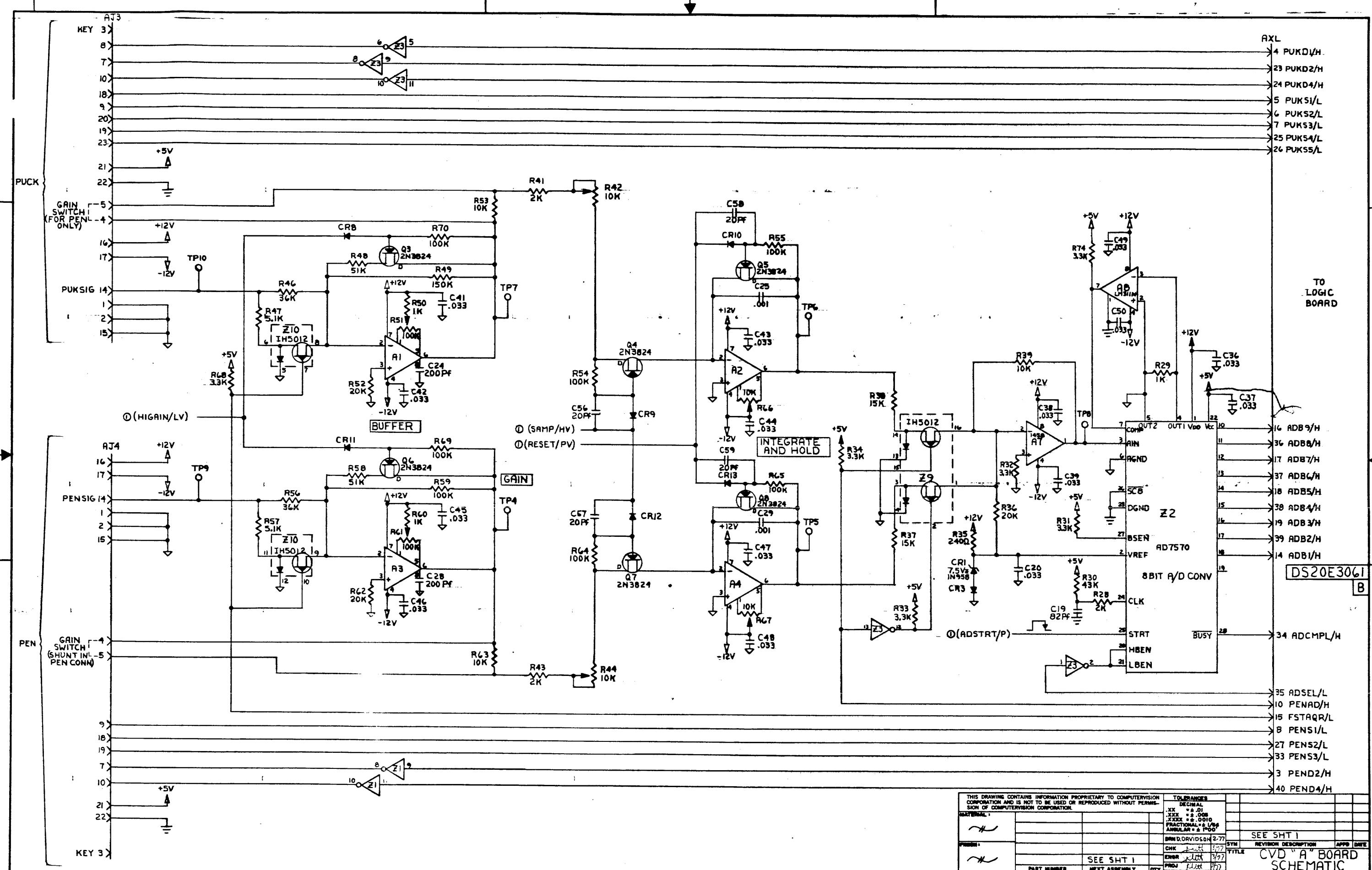


SERIAL ASCII TERMINAL INTERFACE

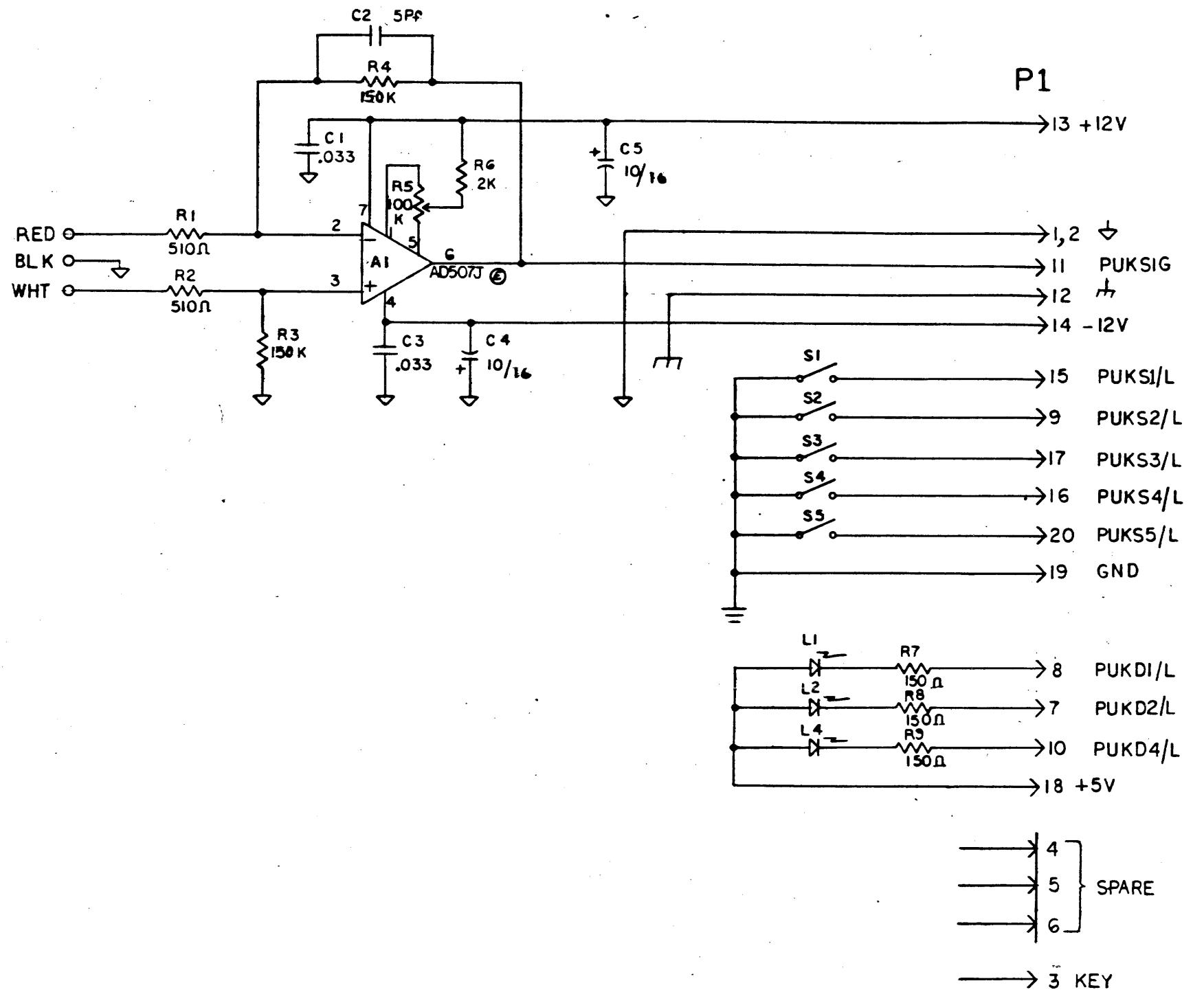
THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO COMPUTERTVISION CORPORATION AND IS NOT TO BE USED OR REPRODUCED WITHOUT PERMISSION OF COMPUTERTVISION CORPORATION.		TOLERANCES			
		DECIMAL			
		XX = $\pm .01$	XXX = $\pm .005$		
		XXXX = $\pm .0010$	FRACTIONAL = $\frac{1}{10}$ $\frac{1}{20}$ $\frac{1}{50}$		
		ANGULAR = $\pm 1^{\circ}00'$			
MATERIAL:		DRAWN BY: T. Rabin		SEE SHT. 1	
		CHK'D BY: [Signature]		SYM	REVISION DESCRIPTION APP'D DATE
		EXMR: [Signature]		TITLE: SCHEMATIC DIAGRAM	
		PROJ: [Signature]		LOGIC BOARD	
PART NUMBER		NEXT ASSEMBLY	QTY	SCALE: NONE DWS NO: DS20E3054	
		COMPUTERTVISION CORP. SOUTH AVENUE BURLINGTON, MASS. 01803		SIGNATURE DATE: [Signature]	
				REMOVE ALL BLURS AND SHARP EDGES	
				PRINT WT.	SHEET 14 OF 14 ENDS



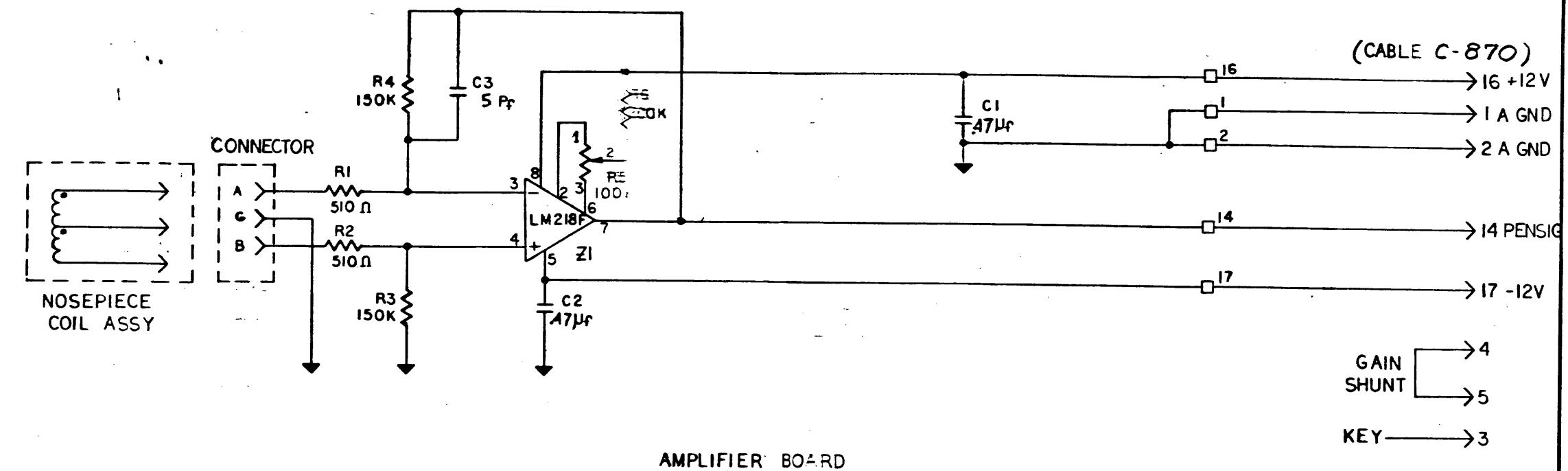
NOTES:
1. C51 THRU C55 ARE .033 DECOUPLING CAPACITORS
FOR THE 5 LOGIC I.C.'S (NOT SHOWN ON SCHEMATIC).
2. ALL 2N3824 FET'S - CONNECT CASE TO DRAIN.
3. HIGHEST COMPONENT NUMBERS: C59, R74, CR1, Q8.



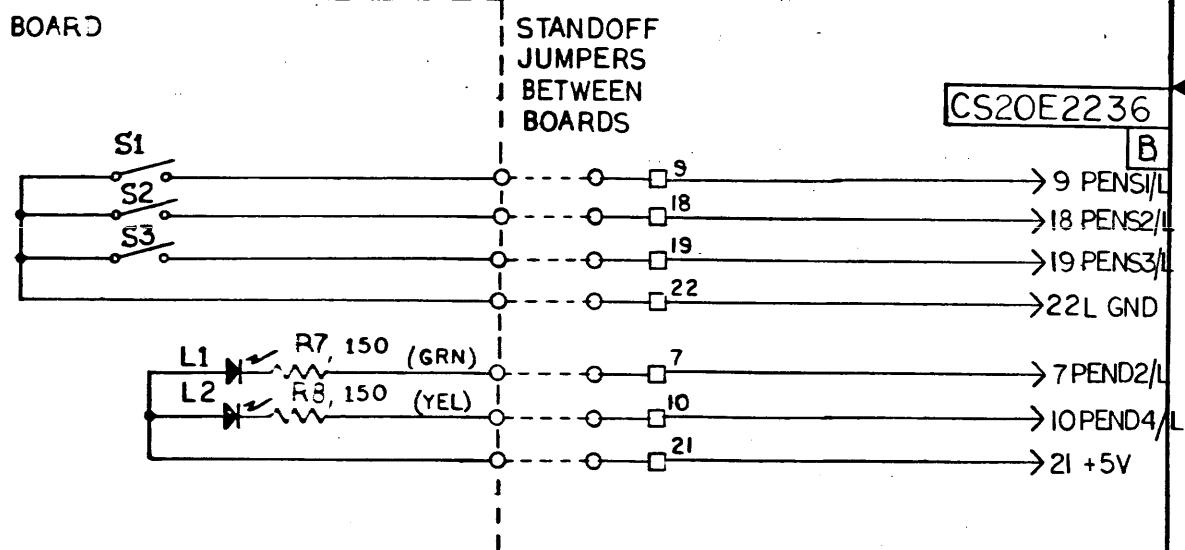
THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO COMPUTEVISION CORPORATION AND IS NOT TO BE USED OR REPRODUCED WITHOUT PERMISSION OF COMPUTEVISION CORPORATION.			
TOLERANCES			
DECIHAL	XX = ±.01		
FRACTIONAL	XX = ±.0001		
ANGULAR	XX = ± 1°		
DATE	2-77		
CHK	✓		
ENR	✓		
PROJ	✓		
SYM	SEE SHT 1		
REVISION			
DESCRIPTION			
APP'DATE			
SEE SHT 1			
TITLE CVD "A" BOARD SCHEMATIC			
COMPTEVISION CORP.			
SOUTH AVENUE			
BURLINGTON, MASS. 01803			
DS20E3061			



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MATERIAL:		DECIMAL
		XX = ± .01
		XXX = ± .005
		XXXX = ± .0005
		FRACTIONAL = 1/16A ANGULAR = 1°10'
FINISH:		
L20X3007 I		D ECO #2270 - 1/2 7-77
L20X2007 I		C ECO #2156 - 022 7-76
CA20E2065 RE		B Release ECO 2065 PECO 7-77
PART NUMBER		E PER ECO #2837 1/2 7-77
NEXT ASSEMBLY		SYM
QTY		REVISION DESCRIPTION
MFG		APP'DATE
ENGR R. Goulet 1/1/78		TITLE
PROJB. NANCY L 1/1/78		SCHEMATIC DIAGRAM
COMPUTERTVISION CORP. 201 BURLINGTON RD. (RT. 62) BEDFORD, MASS. 01730		PUCK
SIGNATURE DATE		SCALE
REMOVE ALL BURRS AND SHARP EDGES		NONE DWS NO. CS20E2068
UNIT WT.		SHEET 1 OF 1 SHEETS



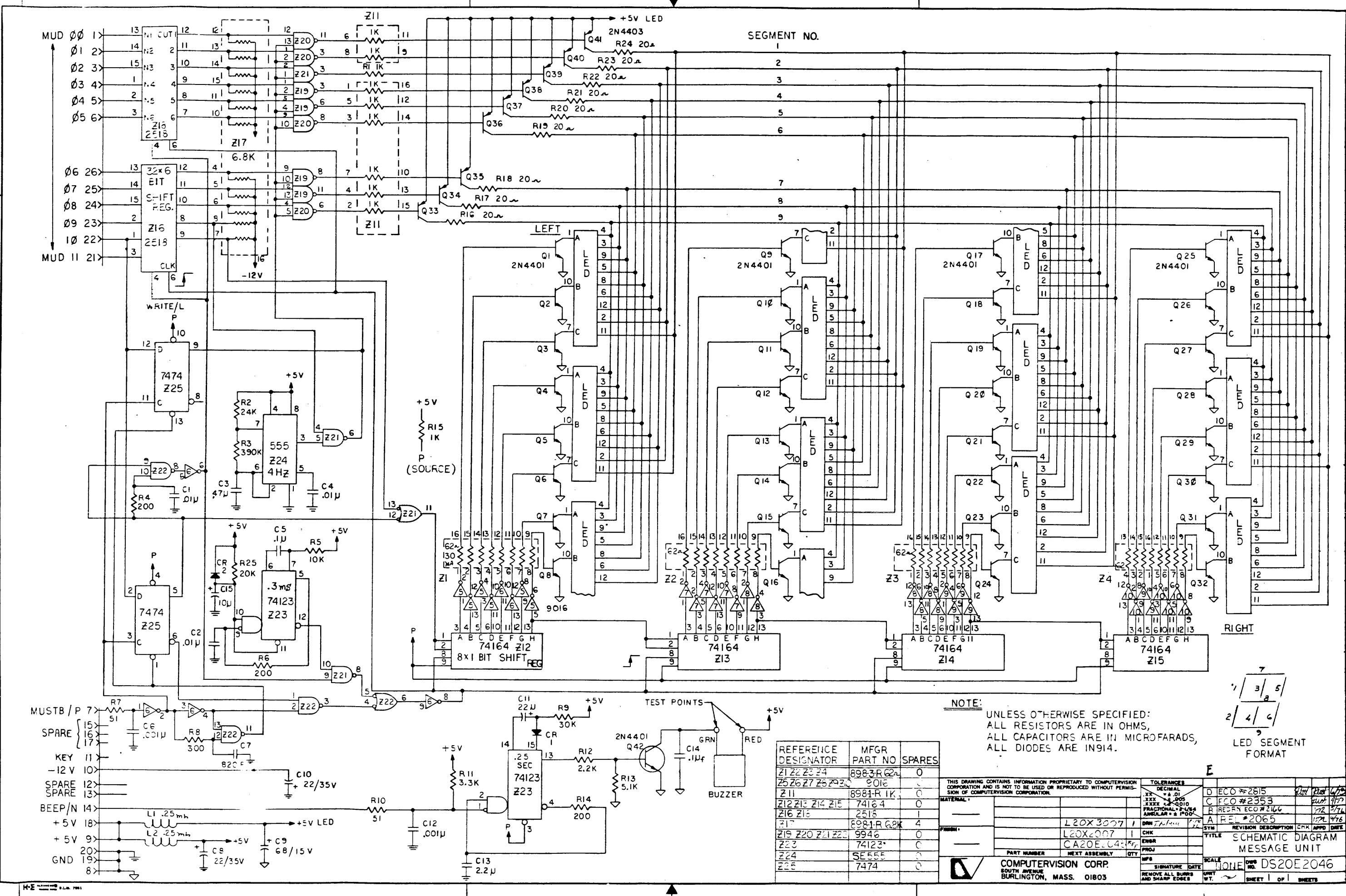
SWITCH BOARD

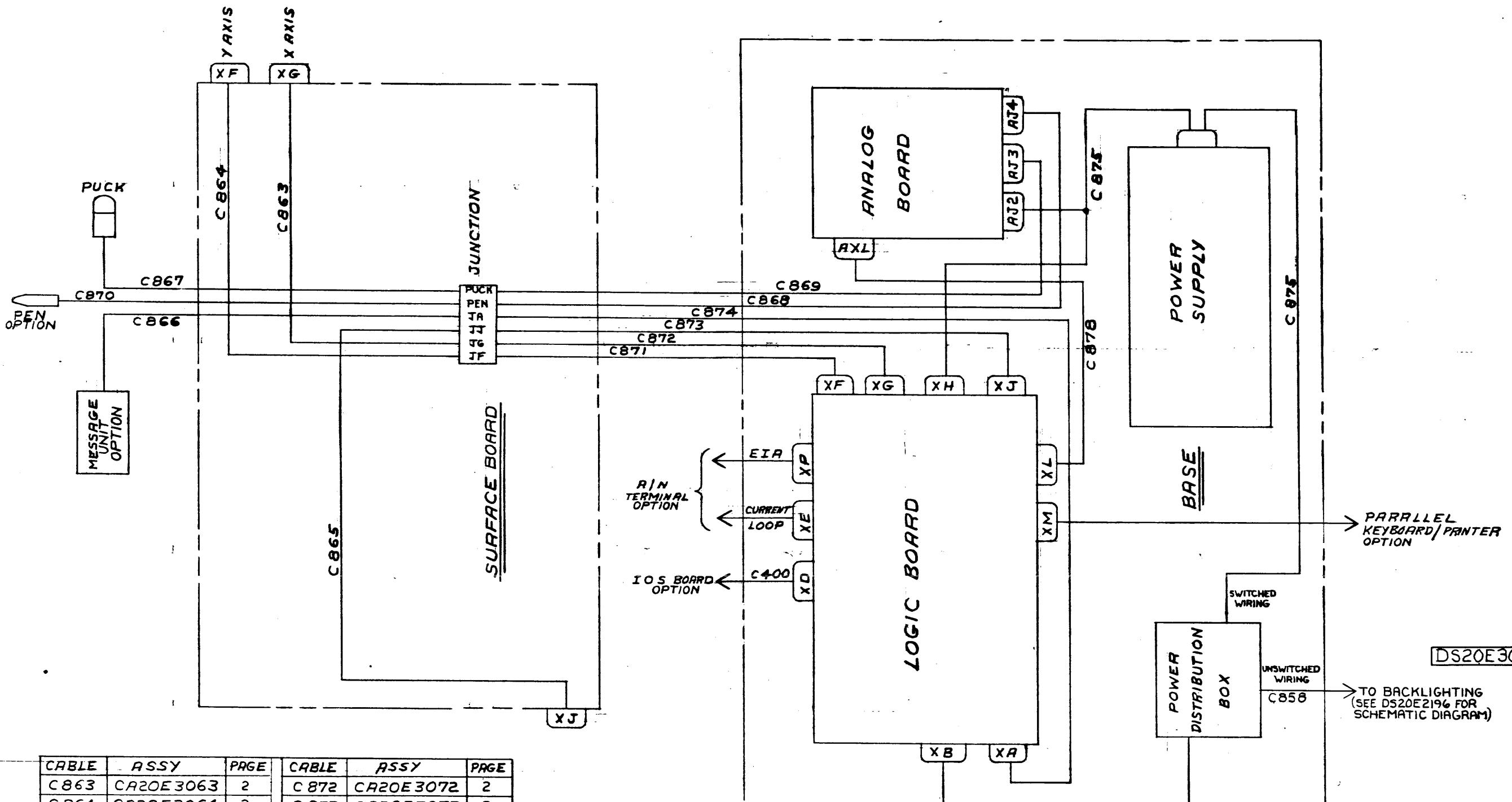


NOTES:

1. PEND4 & PENS3 NOT USED ON "A" VERSION CVD.

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MATERIAL:			DECIMAL	FRACTIONAL	SYN	REVISION DESCRIPTION	APPRO DATE
		A20R3004	± .01	.005		B ECO #2425	
		L20X3007	± .005	.0010		A REL ECO 2340	
PERIOD:		CA20E2235 REF	± 1°00'	1°00'	CHK		
		CA20E2240 REF			ENGR		
	PART NUMBER	NEXT ASSEMBLY	QTY		PROJ		
COMPUTERTVISION CORP. 207 BURLINGTON RD. (RT. 62) BEDFORD, MASS. 01730			WPS	1/7	SCALE	NONE	DWS NO. CS20E2236
					SIGNATURE	DATE	
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							SHEET 1 OF 1 SHEETS

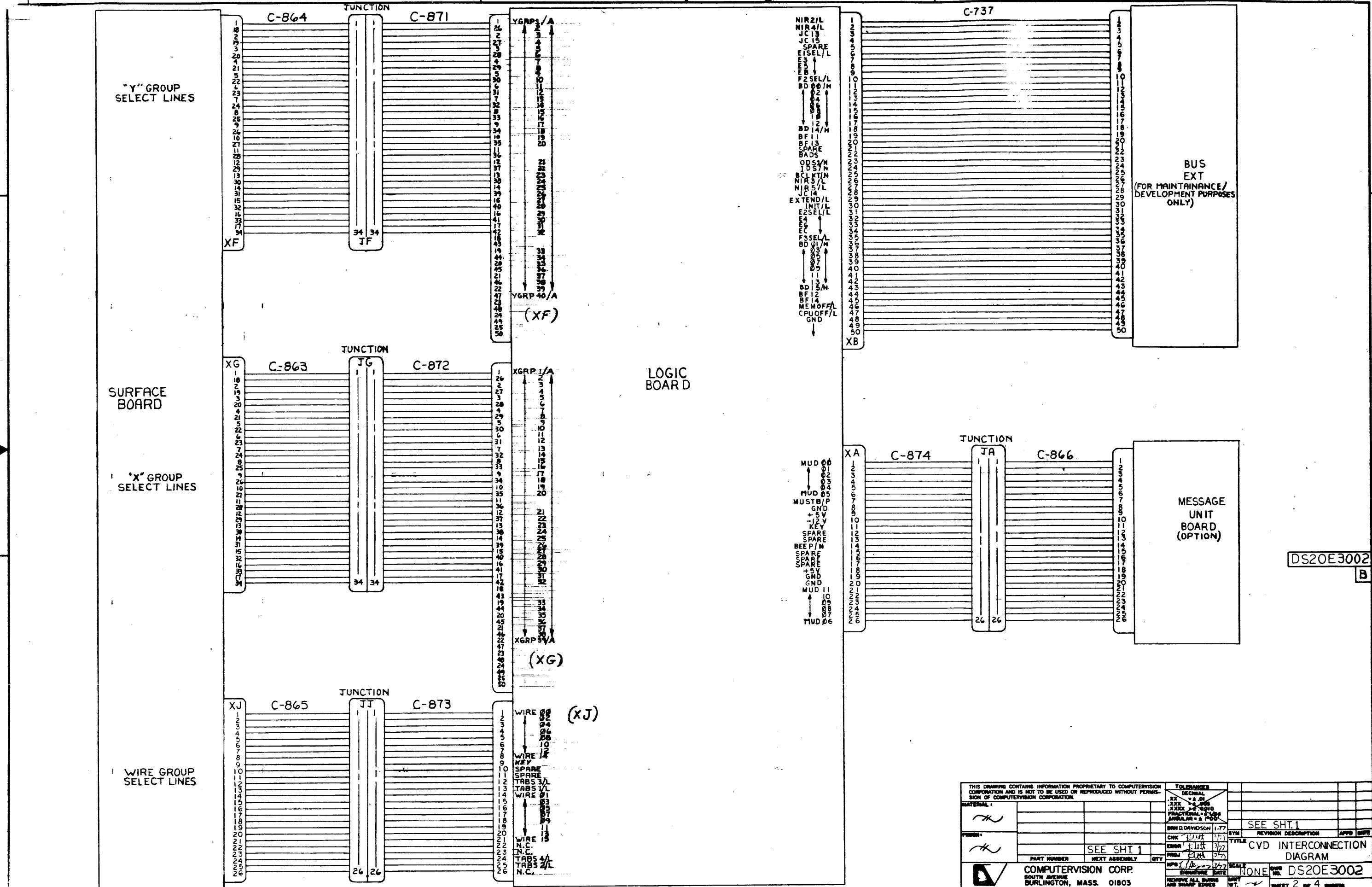


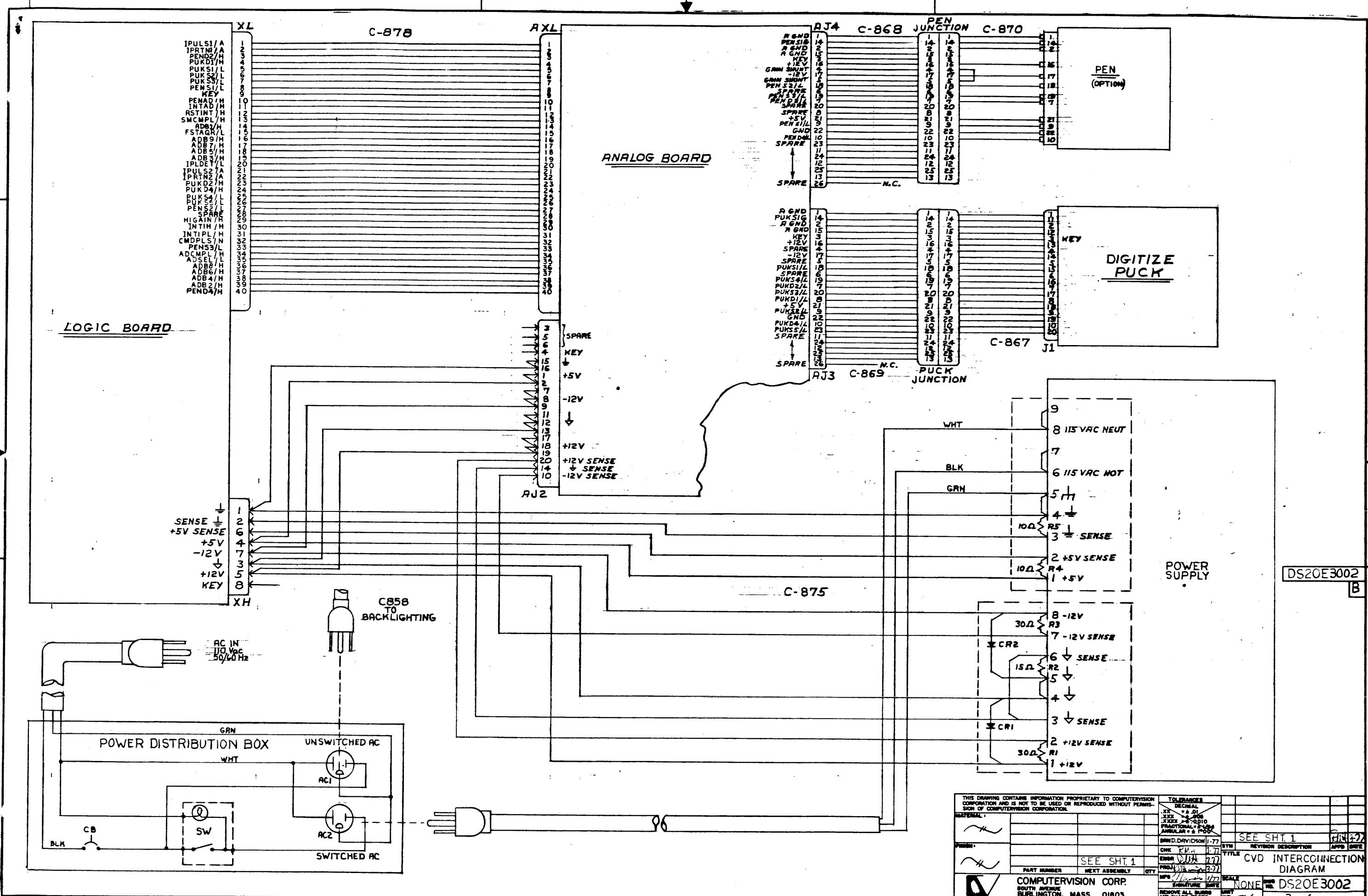


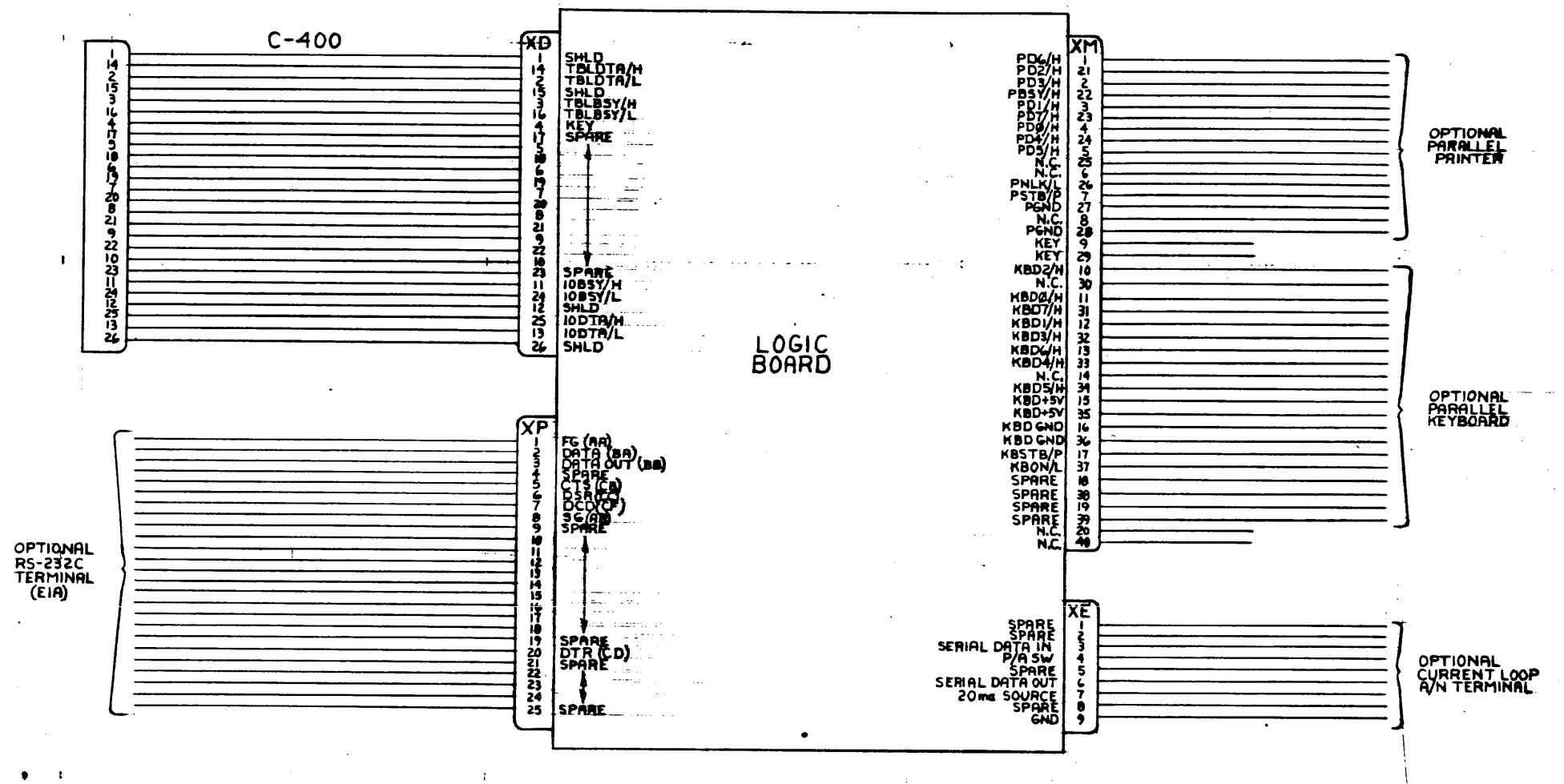
CABLE	ASSY	PAGE	CABLE	ASSY	PAGE
C863	CA20E3063	2	C872	CA20E3072	2
C864	CA20E3064	2	C873	CA20E3073	2
C865	CA20E3065	2	C874	CA20E3074	2
C866	CA20E3066	2	C875	DA20E3075	3
C867	DA20E3067	3	C878	CA20E3078	3
C868	CA20E3068	3	C737	A20E2137	2
C869	CA20E3069	3	C400	CA14E1001	4
C870	DA20E3070	3	TO EIA		4
C871	CA20E3071	2	TO CURRENT LOOP		4
			TO KEYBOARD/PRINTER		4

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DECRIMINAL XX + & .01 XXX + & .010 XXXX + & .001 ANGULAR + & POS	TOLERANCES DECIMAL XX + & .01 XXX + & .010 XXXX + & .001 ANGULAR + & POS
BRNO. DAVIDSON 1-77 CHN. C445 2-77 PROJ. L20X3007 1 INFO. 1-77 SIGNATURE DATE REMOVE ALL BURRS AND SHARP EDGES	B ECO #2440 1.2 /66 A REL ECO 2270 1.0 3-77 SYN. REV. DESCRIPTION APP. DATE ENR. LUST 2-77 PART NUMBER NEXT ASSEMBLY QTY DS20E3002
TITLE SYSTEM INTER- CONNECTION DIAGRAM	
COMPUTEVISION CORP. SOUTH AVENUE BURLINGTON, MASS. 01803	
REV A - FEB 1977	







DS20E3002

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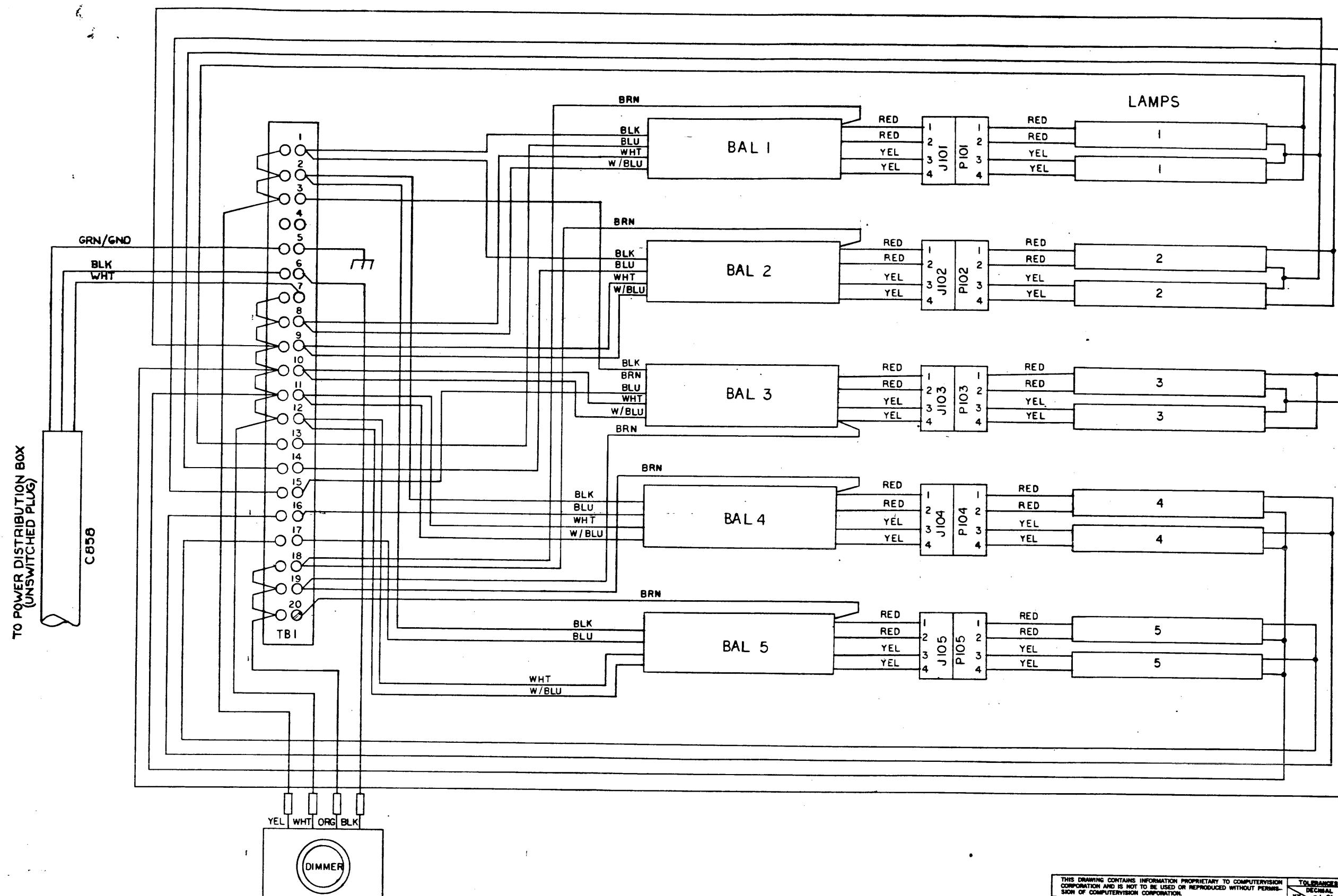
Journal of Health Politics, Policy and Law, Vol. 35, No. 4, December 2010
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